

# FILE NOTATIONS

Entered in NID File

✓

Checked by Chief

PMB

Entered On S R Sheet

✓

Copy NID to Field Office

✓

Location Map Pinned

7✓

Approval Letter

✓

Card Indexed

✓

Disapproval Letter

✓

IWR for State or Fee Land

✓

## COMPLETION DATA:

Date Well Completed

11-3-62

Location Inspected

✓

OW

✓

WW

✓

TA

✓

Bond released

✓

GW

✓

QS

✓

PA

✓

State of Fee Land

✓

## LOSS FILED

Date Log

11-13-62

Depth Log (No)

4

E

✓

H

✓

E-I

✓

GR

✓

GR-N

✓

Micro

✓

Lat

✓

MI-L

✓

Sanic

✓

Others

✓

Refractive Index

✓

Depth

✓

Calibration

(SUBMIT IN TRIPLICATE)

Indian Agency NavajoUNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. 14-20-602-243

o			

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 14, 1962

Well No. Navajo 68-1 is located 500 ft. from N line and 500 ft. from W line of sec. 16NW 1/4 Section 16 41S 23E S.L.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)Wildcat Paradox San Juan Utah  
(Field) (County or Subdivision) (State or Territory)The elevation of the derrick floor above sea level is 4562 ft. (Ungraded)

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

## Propose To:

Set 300 feet of 13 3/8" surface casing and cement to surface. Run 8 5/8" intermediate casing to approximately 1325 feet and cement with 500 sx., if water flow is encountered. Drill 7 7/8" hole to approximate total depth of 5585 feet or through the Desert Creek formation. Run 4 1/2" production casing to total depth and cement with 200 sx. Perforate Ismay and Desert Creek formations. Acidize perforations and run 2 3/8" tubing.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Aztec Oil and Gas CompanyAddress P. O. Drawer 570Farmington, New MexicoBy Joe C. Salmon  
Joe C. SalmonTitle District Superintendent

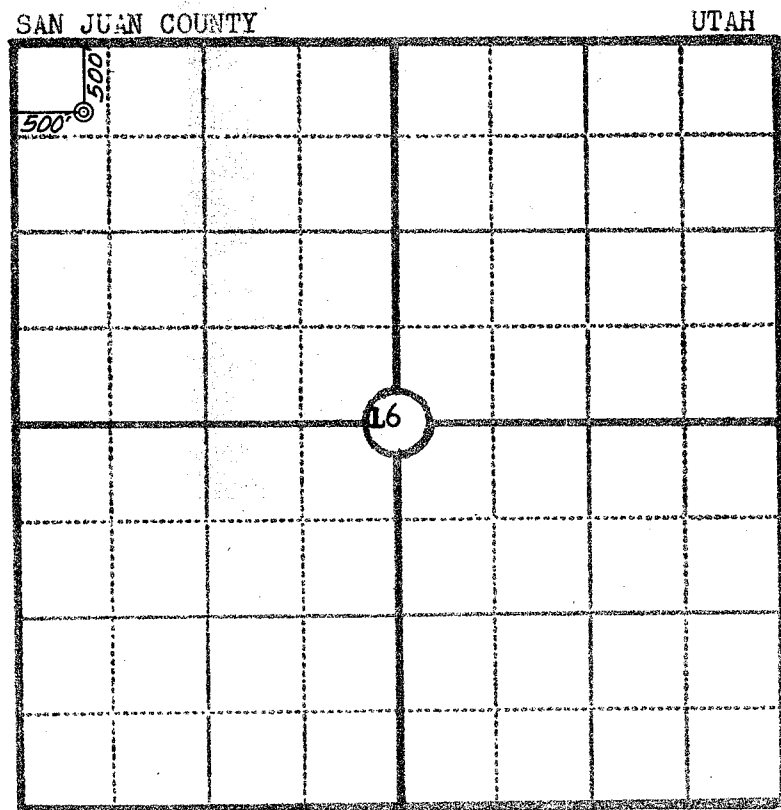
Company AZTEC OIL AND GAS COMPANY

Lease NAVAJO Well No. 68 - 1

Sec. 16 T. 41 SOUTH R. 23 EAST S.L.M.

Location 500' FROM THE NORTH LINE AND 500' FROM THE WEST LINE

Elevation 4562.0 ON UNGRADED GROUND



This is to certify that the above plat was prepared from field note of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

*James P. Leese*  
Registered Land Surveyor.  
James P. Leese  
Utah Reg. No. 1472

Surveyed September 11, 1962



SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

September 17, 1962

Aztec Oil and Gas Company  
P. O. Drawer 570  
Farmington, New Mexico

Attention: Joe C. Salmon

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo 68-#1, which is to be located 500 feet from the north line and 500 feet from the west line of Section 16, Township 41 South, Range 23 East, SLEM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
EXECUTIVE DIRECTOR

CBF:cnp

cc: P. T. McGrath, Dist. Eng.  
USGS, Farmington, New Mexico

H. L. Coonts, Petroleum Eng.  
OGCC, Moab, Utah

Copy H.L.C.  
(SUBMIT IN TRIPLICATE)

Indian Agency **Navajo**

0			

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee

Lease No.

14-20-602-243

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	XX
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 9, 19 62

Navajo  
Well No. **68-1** is located **500** ft. from **[N]** line and **500** ft. from **[W]** line of sec. **Sec. 16**

**NW 1/4 Section 16**

(1/4 Sec. and Sec. No.)

**T-41S**

(Twp.)

**R-23E**

(Range)

**S.L.P.M.**

(Meridian)

**Wildcat Paradox**

(Field)

**San Juan**

(County or Subdivision)

**Utah**

(State or Territory)

The elevation of the derrick floor above sea level is **4562** ft. **G.L.**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Well was spudded 9/27/62

Ran 9 jts., 275' of 13 3/8" casing, landed at 285' with 285 ex. cnt.

Tested with 500# pressure for 30 minutes. No drop in pressure

Ran 43 jts., 1333' of 8 5/8" casing, landed at 1345' with 150 ex. cnt.

Tested with 500# pressure for 30 minutes. No leaks.

Prilled cement 10/2/62

Tested with 500# pressure for 30 minutes

No drop in pressure.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Astec Oil & Gas Company**

Address **Drawer # 570**

**Farmington, N.M.**

By **Joe C. Salmon**  
Joe C. Salmon

Title **District Superintendent**

# SCHLUMBERGER WELL SURVEYING CORPORATION

*"Electrical Well Logging"*

**HOUSTON, TEXAS**

PLEASE REPLY TO  
SCHLUMBERGER WELL SURVEYING CORP.  
P.O. BOX 250  
FARMINGTON, NEW MEXICO

**AZTEC OIL & GAS COMPANY**  
**920 MERCANTILE SECURITIES BLDG.**  
**DALLAS, TEXAS**

DATE **10-25-62**

Attn: \_\_\_\_\_

Dear Sir:

We thank you for your business and hope you will contact us on either service or interpretation. Enclosed are **3** prints of the **IES, ML & SGR** on:  
Company **AZTEC OIL & GAS COMPANY**, Well **NAVAJO 68-1**,  
County **SAN JUAN**, State **UTAH**, Field **MOLE HILL**

Additional prints are being sent to:

**1** prints  
**AZTEC OIL & GAS COMPANY**  
**BOX 570**  
**FARMINGTON, NEW MEXICO**

**1** **XXXXX REVERSED SEPIA**  
**SHELL OIL COMPANY**  
**MUNICIPAL DRIVE**  
**FARMINGTON, NEW MEXICO**

**4** prints  
**PETROLEUM, INC.**  
**160 PETROLEUM CLUB BLDG.**  
**DENVER, COLORADO**

**2** prints  
**U.S. GEOLOGICAL SURVEY**  
**BOX 959**  
**FARMINGTON, NEW MEXICO**

**1** prints  
**HOLLER & DANNENBERG**  
**124 PATTERSON BLDG.**  
**DENVER, COLORADO**

**2** prints  
**UTAH OIL CONSERVATION COMMISSION**  
**10 EXCHANGE PLACE**  
**SALT LAKE CITY 11, UTAH**

The film is **BEING MAILED UNDER SEPERATE COVER.**

We are looking forward to serving you on your next well.

Very truly yours,

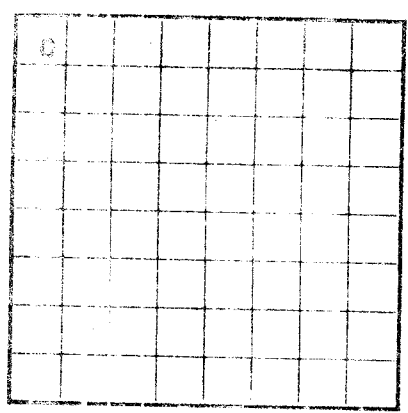
**Schlumberger Well Surveying Corp.**

**H.F. SOERENSEN BY GA**

cm  
NID  
FAL

Approved  
Bureau No. 42 4355.4

172  
2



LOCATE WELL CORRECTLY

U.S. LAND OFFICE Navajo

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT  
14-20-602-243

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **AZTEC OIL & GAS COMPANY** Address **Drawer 570 - Farmington, New Mexico**  
Lessor or Tract **Navajo** Field **Wildcat Paradox** State **Utah**  
Well No. **68-1** Sec. **16** T. **41S** R. **23E** Meridian **S.L.P.M.** County **San Juan**  
Location **500** ft. **N** of **N** Line and **500** ft. **E** of **W** Line of Section **16** Elevation **4562** g-l.  
(Elevation floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date **November 8, 1962** Signed **JOE C. SALMON** Title **DISTRICT SUPERINTENDENT**

The summary on this page is for the condition of the well at above date.

Commenced drilling **September 27**, 19**62** Finished drilling **October 19**, 19**62**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5536** to **5551** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from **5569** to **5577** No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_

					Depth	Remarks
13 3/8	48	8 rd	E-40	275		
8 5/8	24	8 rd	J-55	1333		
4 1/2	10.5	8 rd	J-55	154		
4 1/2	9.5	8 rd	J-55	5438		
2 3/8	4.7	8 rd	J-55	5557		

MUDDING AND CEMENTING RECORD

Bit casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	289	285			
8 5/8	1345	150	displacement		
4 1/2	5603	150	two plug		
2 3/8	5567				

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

17

FOLD MARK

13 3/8	289	285
8 5/8	1345	150
4 1/2	5603	150
2 3/8	5567	

displacement  
two plug

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleared out
Acidized with 16,000 gals. 15% acid. Breakdown pressure-5300, avg. treating pressure-5150, maximum pressure-5500, I.R.-4.2 b.p.m., dropped 35 rubber ball sealers, instant shut in-3900, 15 min. shut in-3100.						

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ 0 \_\_\_\_\_ feet to 5603 \_\_\_\_\_ feet, and from \_\_\_\_\_ 0 \_\_\_\_\_ feet to 5584 \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing November 3 \_\_\_\_\_, 1962

The production for the first 24 hours was 280 \_\_\_\_\_ barrels of fluid of which 100 % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

## EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	295	295	Surface
295	910	615	Sand & Shale Moenkopi 2152
910	1167	257	Sand & Shale Organ Rock 2490
1167	1350	183	Sand & Shale Cutler Evap. 2260
1350	1875	525	Sand & Shale Hermosa 1340
1875	2238	363	Sand & Shale Ismay 2260
2238	2507	269	Sand & Shale Paradox Sh. 2427
2507	2769	262	Sand & Shale Desert Creek 2467
2769	3135	366	Sand & Shale
3135	3430	295	Sand & Shale
3430	3725	295	Sand & Shale
3725	3958	233	Sand & Shale
3958	4240	282	Sand & Shale
4240	4416	176	Sand & Shale
4416	4459	43	Sand & Shale & Lime
4459	4502	43	Lime & Sand
4502	4705	203	Lime, Sand & Shale
4705	4749	44	Sand & Lime
4749	4770	21	Sand & Shale
4770	4798	28	Lime & Sand
4798	4838	40	Sand & Shale
4838	5144	306	Sand & Lime



PLUGGING PROGRAM FORM

Name of Company Aztec Verbal Approval Given To: Karl Jamenson  
Well Name: B6r 68-1 Sec. 16 T. 41 R. 23 County: San Juan

Verbal Approval was given to plug the above mentioned well in the following manner:

Wants to expand waterflood.  
Verbal approval was given

Date Verbally Approved: June 21, 1965 Signed: Paul W. Buckell

# AZTEC OIL & GAS COMPANY

P. O. DRAWER 570  
FARMINGTON, NEW MEXICO

August 30, 1965

Utah Oil & Gas Conservation Commission  
348 East South Temple  
Suite 301  
Salt Lake City, Utah

Attention: Annette R. LeHew

Dear Miss LeHew:

In answer to your letter of August 25, 1965 requesting monthly injection for our wells in Gothic Mesa since January, 1965, the following information is enclosed:

## Injection for Month

<u>Well</u>	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>Apr.</u>	<u>May</u>	<u>June</u>	<u>July</u>
Navajo 67-1	17,146	18,617	1,286	17,495	16,276	16,434	9,952
Navajo 67-4	2,857	195	9,884	6,184	7,096	7,222	6,015
Navajo 68-4	5,678	5,158	10,573	6,084	6,897	6,831	4,198
Navajo 68-6	-0-	-0-	36	-0-	-0-	-0-	-0-
Navajo 68-1							3,347

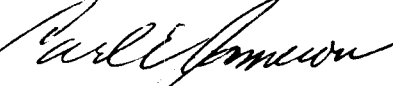
The Navajo 68-1 was converted to an injection well during the month of July.

In the future these injection figures will be included on Form 9-329A as you requested.

Thank you for calling this matter to our attention.

Very truly yours,

AZTEC OIL & GAS COMPANY



C. E. Jameson  
District Engineer

CEJ/td

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRI  
(Other Instructions  
reverse side)Form approved.  
Budget Bureau No. 42-R1424.

D. LEASE DESIGNATION AND SERIAL NO.

Navajo 14-20-602-243

E. IF INDIAN, ALLOTTEE OR TRIBE NAME

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Aztec Oil & Gas Company	8. FARM OR LEASE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, New Mexico 87401	9. WELL NO. 68 #1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 500' FNL & 500' FWL Section 16-41S-23E	10. FIELD AND POOL, OR WILDCAT Desert Creek
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4575' GR
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 16-41S-23E	12. COUNTY OR PARISH San Juan
	13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input checked="" type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

- (1) Came Out Of Hole With 2-3/8" Tubing.
- (2) Picked Up Bridge Plug & Set At 5560'. Set Packer At 5400'.
- (3) Swabbed 250 Barrels 100% Water. Fluid Level 1500' From Surface.
- (4) Set RTTS Packer At 5394'. Cemented With 125 Sacks Of Class "C", 15% CaCl<sub>2</sub>, 6/10 Halad 9. Squeezed With 4000#.
- (5) Found Hole At 2928'. Set RTTS Packer At 2713'. Squeezed With 2000#.
- (6) Drilled Out To 2958'. Pressured Up - Held Ok.
- (7) Perforated From 5570' To 5574' With 4 Shots Per Foot. Set RTTS Packer And Tubing At 5560'. Acidized With 1000 Gallons Of 28% Acid.
- (8) Swabbed 75 Barrels Water.
- (9) Pulled Tubing & Packer. Ran 2-3/8" Tubing & Set At 5500'.
- (10) Pumped 24 Hours. Made 119 Barrels Water & 4 Barrels Oil.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE District Superintendent

DATE January 6, 1975

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIP  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR  
Aztec Oil & Gas Company

3. ADDRESS OF OPERATOR  
P. O. Drawer 570, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
500' FNL & 500' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4575' GL

RECEIVED

JUL 17 1984

DIVISION OF OIL  
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
Navajo 14-20-602-243

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Navajo

9. WELL NO.  
68-1

10. FIELD AND POOL, OR WILDCAT  
Desert Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 16-41S-23E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☒

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☒

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

PROPOSE TO:

1. Move in, rig up, pull tubing and packer.
2. Run casing inspection log and squeeze leaks as indicated.
3. Clean out to bottom.
4. Isolate and swab test each existing set of perforations.
5. Squeeze off water productive zone. Reperforate oil producing zone if necessary.
6. Acidize with 4,000 gallons with 28% acid.
7. Swab test, run tubing and rods.
8. Place on production.

APPROVED

OCT 1974

P. I. McGRATH  
DISTRICT ENGINEER

RECEIVED

OCT 25 1974

U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

18. I hereby certify that the foregoing is true and correct

SIGNED \_\_\_\_\_ TITLE District Superintendent DATE 10-23-74

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

**SUPERIOR OIL**

**RECEIVED**  
FEB 14 1984

February 9, 1984

**DIVISION OF  
OIL, GAS & MINING**

Hal Balthrop  
State of Utah  
Oil, Gas & Mining  
4241 State Office Bldg  
Salt Lake City, Utah 84114

Re: Well Names  
White Mesa/Gothic Mesa Units  
San Juan County, Utah

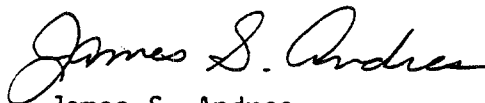
Dear Sir:

Superior Oil Company has recently purchased Southland Royalty's interest in the White Mesa and Gothic Mesa Units and as of February 1, 1984 has taken over as operator. As operator we are in the process of establishing a standard for naming future wells to be drilled. In order for this system to be consistent existing well names will need to be changed. It is proposed that a system be implemented where by a well is named according to the section and 1/4-1/4 section in which the well lies.

Unless additional information is required Superior Oil will begin using the well names as cross referenced on the following attachments one week from the above date.

Sincerely,

SUPERIOR OIL COMPANY



James S. Andres  
Engineer

JSA/1h  
Attach.

PROPOSED WELL NAMES GOTHIC MESA

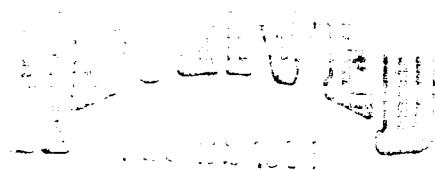
GOTHIC

	Navajo 58A-1	43-037- 15032	7-41	415	23E	Sec	7
	Navajo 58A-2	15034	6-34				6
	Navajo 58A-4	15036	7-21				7
	Navajo 58B-2	15033	8-42				8
	Navajo 58B-3	15035	8-12				8
	Navajo 58B-4	15037	8-33				8
	Navajo 58B-5	15038	8-44				8
	Navajo 58B-6	15039	6-23				6
	Navajo 59-1	15040	17-31				17
WI	Navajo 67-1	16451	9-44				9
	Navajo 67-2	15041	9-13				9
WI	Navajo 67-4	16452	9-24				9
WI	Navajo 68-1	15042	16-11				16
	Navajo 68-2	15043	16-22				16
	Navajo 68-3	15044	16-33				16
WI	Navajo 68-4	16453	16-44				16
	Navajo 68-5	15045	16-13				16
WI	Navajo 68-6	16454	16-24				16



**Southland Royalty Company**

February 17, 1984



**DIVISION OF  
OIL, GAS & MINING**

Mr. Cleon B. Feight  
State of Utah Natural Resources  
Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

Dear Mr. Feight:

Effective February 1, 1984, Superior Oil Company will operate the White Mesa Unit and Gothic Mesa Unit in San Juan County, Utah. Any correspondence regarding either Unit should be directed to Superior Oil Company in Cortez, Colorado.

Sincerely,

SOUTHLAND ROYALTY COMPANY

Doug R. Harris  
Petroleum Engineer

DRH/eg



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

December 3, 1985

Mobil Oil Company  
P.O. Box 5444  
Denver, Colorado 80217

ATTN: Lowell Martinson-mail stop 6G

Gentlemen:

According to our records, the information required to be filed no later than October 8, 1984 for the following listed water injection wells under Rule I-4 has not been received by this Division.

GOTHIC MESA-SAN JUAN COUNTY

<u>WELL NO.</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>
9-44(67-1)	9	41 South	23 East
9-24 (67-4)	9	41 South	23 East
16-11	16	41 South	23 East
16-24	16	41 South	23 East
16-44	16	41 South	23 East

WHITE MESA-SAN JUAN COUNTY

<u>WELL NO.</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>
G21 (21-13)	13	41 South	24 East
4 (22-32)	22	41 South	24 East
A-9 (33-23)	33	41 South	24 East
38 (33-41)	33	41 South	24 East
60 (2-21)	2	42 South	24 East
68 (3-12)	3	42 South	24 East
63 (4-41)	4	42 South	24 East
67 (4-32)	4	42 South	24 East
75 (4-43)	4	42 South	24 East
78 (4-14)	4	42 South	24 East
83 (10-41)	10	42 South	24 East



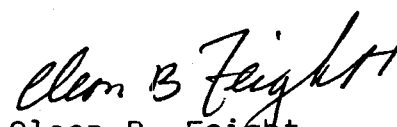
Page 2  
December 3, 1985  
Mobil Oil Company  
Lowell Martinson

If water or other liquids are being injected into any of these wells, they are being operated illegally (see enclosed Attorney General's informal opinion No. 85-55). If injection is taking place, please shut-in the well or wells until an application for a Class II well has been filed and approved.

Incidentally, failure to shut-in an illegal well could result in a fine of \$5,000 or \$10,000 per day for each day of violation.

Enclosed are some forms and a copy of Rule I-4 and I-5.

Thank you,

  
Cleon B. Feight  
UIC Manager

Enclosures

mfp  
0009U-34

cc: Mobil Oil Company  
P.O. Drawer G  
Cortez, Colorado 81321  
ATTN: Gregg Tript



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

December 13, 1985

CERTIFIED RETURN RECEIPT REQUESTED  
P 168 903 789

Mr. Gregg Tript  
Mobil Oil Company  
P.O. Box G  
Cortez, Colorado 81321

Dear Mr. Tript:

Re: Request for Information of Existing Class II Injection Wells

The purpose of this letter is to confirm your telephone conversation with Ron Firth, Associate Director of Oil and Gas, and clarify the status of certain existing Class II Injection Wells.

According to our records, information required in Rule I-4 (enclosed) has not been filed with the Division for the following wells:

GOTHIC MESA-SAN JUAN COUNTY

<u>WELL NO.</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>
9-44(67-1) <i>NO</i>	9	41 South	23 East
9-24 (67-4) <i>NO</i>	9	41 South	23 East
16-11 <i>NO</i>	16	41 South	23 East
16-24 <i>NO</i>	16	41 South	23 East
16-44 <i>NO</i>	16	41 South	23 East

Page 2  
Mr. Gregg Tript  
December 13, 1985

WHITE MESA-SAN JUAN COUNTY

<u>WELL NO.</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>
G21 (21-13)✓	13	41 South	24 East
4 (22-32)✓	22	41 South	24 East
A-9 (33-23)✓	33	41 South	24 East
38 (33-41)✓	33	41 South	24 East
60 (2-21)✓	2	42 South	24 East
68 (3-12)✓	3	42 South	24 East
63 (4-41)✓	4	42 South	24 East
67 (4-32)✓	4	42 South	24 East
75 (4-43)✓	4	42 South	24 East
78 (4-14)✓	4	42 South	24 East
83 (10-41)✓	10	42 South	24 East

As Mr. Firth indicated, you are being given a thirty-day period, effective from receipt of this letter, to file the necessary information with the Division. You are not required to shut-in the above-referenced wells, as indicated in the December 3, 1985 letter from Cleon Feight. You may continue to operate in accordance with Division statute and rules until we have reviewed your submission. At that time, we will notify you in writing of the sufficiency of information filings and the status of the wells.

Thank you for your assistance with this matter.

Best regards,



Dianne R. Nielson  
Director

mjm

Enclosure

cc: R. J. Firth

Mobil Oil Company

ATTN: Lowell Martinson - mail stop GG

P.O. Box 5444

Denver, Colorado 80217

0454V

# Mobil Oil Corporation

P.O. DRAWER G  
CORTEZ, COLORADO 81321

January 9, 1986

RECEIVED

JAN 30 1986

DIVISION OF OIL  
GAS & MINING

Dianne R. Nielson, Director  
State of Utah Division of Oil, Gas and Mining  
355 W. N. Temple, 3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Dear Ms. Nielson:

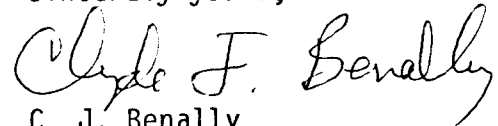
Enclosed is the information requested in your letter of December 13, 1985, and as discussed with Gilbert Hunt (DOGM) on January 6, 1986.

The Gothic Mesa 16-11 well is not an injection well. It was initially completed as a Desert Creek oil well in 1964. In 1965 the well was converted to an injector, then in 1974 it was converted back to an oil well. The well has been shut in since 1984.

The White Mesa G-21 well was incorrectly listed. It is actually in the McElmo Creek Unit. A Form UIC-5 is enclosed for it.

Please call me at 303-565-2205 if you have any questions.

Sincerely yours,



C. J. Benally  
Sr. Regulatory Engineer

BW:dw  
Encs.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

1. NAME OF OPERATOR

Mobil Oil Corporation as Agent for Superior Oil Co.

2. ADDRESS OF OPERATOR

P. O. Drawer G, Cortez, Co. 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

500' FNL 500 FWL

5. LEASE DESIGNATION AND SERIAL NO.

14-20-602-243

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Gothic Mesa

8. FARM OR LEASE NAME

Gothic Mesa

9. WELL NO.

16-11

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

16-41S-23E

14. PERMIT NO.

43-037-15042

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4575' GR

DIVISION OF

OIL, GAS & MINING

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF


PULL OR ALTER CASING


MULTIPLE COMPLETION

ABANDON\*

CHANGE PLANE

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF


FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Conversion

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

XX

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well was completed as Desert Creek oil producer in 1964 and converted to water injection well in 1965. Well was converted back to oil production in 1974. Sundry (attached) was filed only with BLM at time of second conversion.

18. I hereby certify that the foregoing is true and correct

SIGNED

Cheryl J. Benally  
C. J. Benally

TITLE Sr. Environmental Engineer

DATE

2/3/86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

# Mobil Oil Corporation

P.O. BOX 5444  
DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attn: R. J. Firth  
Associate Director

**RECEIVED**  
MAY 16 1986

DIVISION OF  
OIL, GAS & MINING

## SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,



CNE/rd  
CNE8661

R. D. Baker  
Environmental Regulatory Manager

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE

5. Lease Designation And Serial No  
14-20-603-243

30W

6. Indian, Allottee Tribe Name  
NAVAJO 092909

7. Unit Agreement Name  
GOTHIC MESA

8. Farm Or Lease Name

9. Well No.  
16-11

10. Field And Pool, Or Wildcat  
GREATER ANETH

11. Sec., T., R.,  
NW NW Sec. 16-41s-23E

12. County  
SAN JUAN

13. State  
UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

1. Oil Well : : Gas Well : : OTHER WATER INJECTION

2. Name Of Operator  
MOBIL OIL CORPORATION

3. Address Of Operator  
P. O. BOX 5444, DENVER, CO., 80217-5444

4. Location Of Well  
500 FNL, 500 FWL, SEC. 16-41S-23E

14. Permit No.  
API 43-037-15042

15. Elevation

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

Notice Of Intention To :

Subsequent Report Of :

Test Water Shut-off : : Pull Or Alter Casing : : :

Water Shut-off

Repairing Well

Fracture Treat : : Multiple Complete : : :

Fracture Treatment

Altering Casing

Shoot Or Acidize : : Abandon : : :

Shooting Or Acidizing

Abandonment

Repair Well : : Change Plans : : :

(Other) SALE OF PROPERTY

(Other)

17. Describe Proposed Or Completed Operations

EFFECTIVE 10-3-86 MOBIL OIL CORPORATION SOLD THEIR INTEREST IN THE REFERENCED LEASE TO  
PIONEER OIL & GAS - 6925 UNION PARK CENTER, SUITE 145- MIDVALE, UTAH 84047.

RECEIVED

SEP 23 1987

DIVISION OF OIL  
GAS & MINING

18. I hereby certify that the foregoing is true and correct

Signed

*[Signature]*

Title GENERAL ACCOUNTING SUPERVISOR

Date

7-27-87

Approved By

Title

Date

Conditions Of Approval If Any:

20

WESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2)  
FOR THE CORTEZ SUPERVISOR AREA  
FOR THE GREATER ANETH FIELD 05/13/86

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TWNSHP	RNG	WELL TYPE	S T A P I N U M B E R	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
BLACK STEER CYN	12-11	SAN JUAN	UT	NW	NW	12-39S-25E	PROD	43-037-30678	U-12427-B		
	14-33	SAN JUAN	UT	NW	SE	14-39S-25E	PROD	43-037-30590	U-12427		
EAST ANETH	29-31	SAN JUAN	UT	NW	NE	29-41S-26E	PROD OP	43-037-30872	N00-C-14-20-5185		
	30-41	SAN JUAN	UT	NE	NE	30-41S-26E	PROD OP	43-037-30621	N00-C-14-20-3797		
GOTHIC MESA	6-23	SAN JUAN	UT	NE	SW	6-41S-23E	PROD SI	43-037-15039	14-20-603-239		94-004216
	6-34	SAN JUAN	UT	SW	SE	6-41S-23E	PROD OP	43-037-15034	14-20-603-239A		94-004216
	7-21	SAN JUAN	UT	NE	NW	7-41S-23E	PROD OP	43-037-15036	14-20-603-239A		94-004216
	7-41	SAN JUAN	UT	NE	NE	7-41S-23E	PROD OP	43-037-15032	14-20-603-239A		94-004216
	8-12	SAN JUAN	UT	SW	NW	8-41S-23E	PROD OP	43-037-15035	14-20-603-239		94-004216
	8-33	SAN JUAN	UT	NW	SE	8-41S-23E	PROD OP	43-037-15037	14-20-603-239		94-004216
	8-42	SAN JUAN	UT	SE	NE	8-41S-23E	PROD TA	43-037-15033	14-20-603-239		94-004216
	9-13	SAN JUAN	UT	NW	SW	9-41S-23E	PROD SI	43-037-15041	14-20-603-242		94-004216
	9-24	SAN JUAN	UT	SE	SW	9-41S-23E	INJ SI	43-037-16452	14-20-603-242		94-004216
	9-44	SAN JUAN	UT	SE	SE	9-41S-23E	INJ SI	43-037-16451	14-20-603-242		94-004216
	WSW 1	SAN JUAN	UT	SE	NW	9-41S-23E	WSW SI	-----			94-004216
	16-11	SAN JUAN	UT	NW	NW	16-41S-23E	PROD SI	43-037-15042	14-20-603-243		94-004216
	16-22	SAN JUAN	UT	SE	NW	16-41S-23E	PROD TA	43-037-15043	14-20-603-243		94-004216
	16-24	SAN JUAN	UT	SE	SW	16-41S-23E	INJ SI	43-037-16454	14-20-603-243		94-004216
	16-33	SAN JUAN	UT	NW	SE	16-41S-23E	PROD OP	43-037-15044	14-20-603-243		94-004216
	16-44	SAN JUAN	UT	SE	SE	16-41S-23E	INJ SI	43-037-16453	14-20-603-243		94-004216
	17-31	SAN JUAN	UT	NW	NE	17-41S-23E	PROD OP	43-037-15040	14-20-603-240		94-004216
HORSEHEAD POINT	18-44	SAN JUAN	UT	SE	SE	18-36S-25E	PROD SI	43-037-30909	U-40754	-	
MC ELKO CREEK	A17-1	SAN JUAN	UT	NE	NE	10-41S-24E	INJ OP	43-037-05592	14-20-0603-6148		96-004190
	A17-2	SAN JUAN	UT	NE	NE	10-41S-24E	INJ SI	43-037-05592	14-20-0603-6148		96-004190
	B-13	SAN JUAN	UT	NW	NW	2-41S-24E	INJ OP	43-037-05701	14-20-603-6509		96-004190
	B-14	SAN JUAN	UT	SW	NW	02-41S-24E	PROD OP	43-037-30383	14-20-603-6509		96-004190
	B-15	SAN JUAN	UT	NW	SW	02-41S-24E	INJ OP	43-037-05657	14-20-603-6508		96-004190
	B-17	SAN JUAN	UT	NW	NW	11-41S-24E	PROD OP	43-037-30138	14-20-603-6148		96-004190
	B-18	SAN JUAN	UT	SW	NW	11-41S-24E	PROD OP	43-037-15615	14-20-0603-6148		96-004190
	C-13	SAN JUAN	UT	NE	NW	2-41S-24E	PROD OP	43-037-30379	14-20-603-6509		96-004190



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-243

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Gothic Mesa

8. FARM OR LEASE NAME

9. WELL NO.

16-11

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

NW NW 16-41S-23E

14. PERMIT NO.

API 43-037-15042

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☐  
☐  
☐

PULL OR ALTER CASING

☐  
☐  
☐  
☐  
☒

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

Continue SI

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐  
☐  
☐

REPAIRING WELL

☐  
☐  
☐  
☐  
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Pioneer is initiating effort to reevaluate the Akah, Desert Creek and Ismay formations in the NW SW 16-41S-23E and therefore, request that this well continue to be shut-in for a period not to exceed two years so that a full evaluation of reserve potential may be undertaken,

18. I hereby certify that the foregoing is true and correct

SIGNED

R. Hecquell Wilson

TITLE Land Manager

DATE 5/2/88

(This space for Federal or State office use)

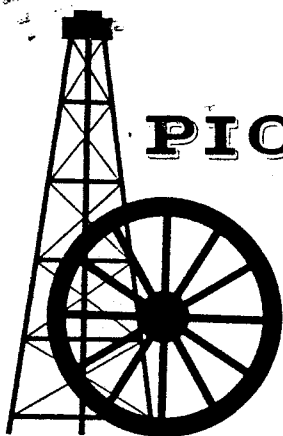
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



# PIONEER OIL & GAS

AIRBORNE #242726750

May 2, 1988

RECEIVED  
MAY 3 1988

DIVISION OF  
OIL, GAS & MINING

Bureau of Land Management  
Farmington Resource Area  
1235 La Plata Highway  
Farmington, NM 87401

Attn: Ron Fellows

Re: Gothic Mesa Unit  
Well Nos. 9-24, 9-44, 16-24, 16-44, 17-31,  
9-13, 16-22, 16-11, 6-23, 8-42 and 8-33  
San Juan County, Utah

*-Flowing 1/2 BBL/day*

Gentlemen:

Pursuant to your letters of April 6, 1988 and your letter of April 12, 1988 in which you request response to the current status and plans for the above captioned wells, we are hereby submitting in triplicate Sundry Notices pertaining to said wells.

Pioneer Oil & Gas acquired the Gothic Mesa Unit and associated leases from Mobil Oil Corporation and has acted as Operator since September 16, 1987. On March 31, 1988, the Assignments of Interest to Pioneer were approved by the Bureau of Indian Affairs and on April 7, 1988, by the Navajo Nation Mineral Department.

From September, 1987 until recently, Pioneer has been attempting to place together complete and accurate well files pertaining to all the Gothic Mesa wells. However, since the field has changed operators three times since 1983, it is extremely difficult to establish files that our management feels are complete.

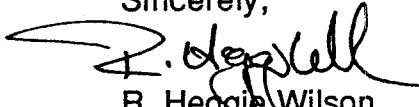
Nevertheless, we are currently in the process of reevaluating the entire field as far as new exploration possibilities and are anticipating two wells to be drilled in 1988 to test Akah, Desert Creek and Ismay possibilities. Along with these wells, Pioneer is reevaluating the entire unit for future reconditioning and redevelopment possibilities.

Therefore, as specifically outlined in the individual Sundry Notices, Pioneer is requesting a two year period commencing May 1, 1988, in which we plan to drill two tests to evaluate the Ismay, Desert Creek and Akah formations. During this time Pioneer will also evaluate the water flood, tertiary recovery, recompletion and reentry potential throughout the field. Our management feels that this time frame would

prudently allow us to fully analyze and thus develop to its maximum potential, the remaining oil and gas reserves within the Gothic Mesa Unit.

I shall be meeting with representatives of your office on May 4th so that we may further discuss these matters. However, please do not hesitate to contact me if you should have any immediate questions concerning this matter.

Sincerely,



R. Heggie Wilson  
Land Manager

RHW/tbp

Enc.

cc: State of Utah  
Division of Oil, Gas & Mining  
3 Triad Center, Suite 300  
SLC, UT 84180-1204

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	2. NAME OF OPERATOR Pioneer Oil & Gas	3. ADDRESS OF OPERATOR 6925 Union Park Ctr., #145, Midvale, Utah	4. LOCATION OF WELL (Report location clearly and in accordance with applicable State requirements. See also space 17 below.) At surface  1500' FNL, 1500' FWL	5. ELEVATIONS (Show whether OF, RT, OR, etc.) 4562' Gr., 4572 KB
--	--	---	---	---

RECEIVED  
APR 18 1989

DIVISION OF  
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-243	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	7. UNIT AGREEMENT NAME Gothic Mesa Unit	8. FARM OR LEASE NAME	9. WELL NO. #16-11	10. FIELD AND POOL, OR WILDCAT Gothic Mesa	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 16-T41S-R23E	12. COUNTY OR PARISH San Juan	13. STATE UT
--	--	--	-----------------------	-----------------------	---	--	----------------------------------	-----------------

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) <input type="checkbox"/>		(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Pioneer Oil & Gas proposes to plug and abandon this well as follows:

- 1) Set 100' cement plug across the existing perforations, or  
Set a CIBP above perforations and dump 2 sacks of cement on top.
- 2) Perforate the top of the Hermosa and squeeze a 100' plug in the annulus  
and leave a 100' plug in the 4½" casing.
- 3) Cut and pull the 4½" casing at the base of the 8⅝" intermediate casing.
- 4) Spot a 100' plug in and out of the base of the 8⅝" casing.
- 5) Set a 50' plug at the surface and weld plate over the surface casing.  
Erect a regulation dry hole marker.
- 6) Clean and rehabilitate location.

NOTE: 9# mud will be circulated between all plugs.

18. I hereby certify that the foregoing is true and correct

SIGNED Eric Noblitt

TITLE Production Manager

DATE 4-14-89

Eric Noblitt

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED BY THE STATE

OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE 4-24-89

BY John R. Bay

\*See Instructions on Reverse Side

Federal approval of this action  
is required before commencing  
operations.

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# WELL BORE DIAGRAM

Well Name: Gothic MCSA 16-11  
 Location: 16-415-23 E

Formation:	Depth:
<u>Chinle</u>	<u>1278</u>
<u>Moenkopi</u>	<u>2152</u>
<u>Organ Rock</u>	<u>2490</u>
<u>Cutler</u>	<u>3260</u>
<u>Hermosa</u>	<u>4340</u>
<u>Ismay</u>	<u>5260</u>
<u>Desert Creek</u>	<u>5427</u>

Remarks: Cso. Leak Sqr 2000#  
2928' No CMT. Amounts  
Given. 2 1/2 TBG in  
hole 5500 ft.  
Rods + Pump ?

Conductor Casing: 13 3/8  
 Set to: 289'  
 Cement: 285 SX  
2126 CMT.

Surface Casing: 8 5/8  
 Set to: 1345  
 Cement: 150 SX  
Est. Cmt Top 868'

Production Casing: 4 1/2"  
 Set to: 5603  
 Cement: 150 SX  
Est. Cmt Top 5,035'

TD 5,603

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE  
(Other instructions on reverse side)

Form approved  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		3. LEASE DESIGNATION AND SERIAL NO. 14-20-603-243	
2. NAME OF OPERATOR Pioneer Oil and Gas		4. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR 6925 Union Park Center, Suite 145, Midvale, UT 84047		5. UNIT AGREEMENT NAME Gothic Mesa	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  See attached Exhibit "A"		6. FARM OR LEASE NAME	
14. PERMIT NO.		7. WELL NO. See attached Exhibit "A"	
15. ELEVATIONS (Show whether OF, BY, OR, etc.)		8. FIELD AND POOL, OR WILDCAT Gothic Mesa	
		9. SEC., T., R., M., OR BLK. AND SURVEY OR AREA T41S-R23E	
		10. COUNTY OR PARISH San Juan	
		11. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) <input type="checkbox"/>	Change of Operator <input checked="" type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Pioneer Oil and Gas has assigned all its ownership in the subject leases effective August 1, 1990. Pioneer Oil and Gas shall no longer be the Operator of the subject properties.

Giant Exploration & Producing Company shall therefore be the Operator effective August 1, 1990.

Former Operator:  
Pioneer Oil and Gas

New Operator:  
Giant Exploration & Production Company  
P.O. Box 2810  
Farmington, NM 87499

Signed: Gregg B. Colton  
Gregg B. Colton, Vice President  
Date: July 30, 1990

Signed: Aldrich L. Kuchera  
Title: Aldrich L. Kuchera, President and CEO  
Date: August 13, 1990

18. I hereby certify that the foregoing is true and correct

SIGNED R. Haggie Wilson TITLE Land Manager DATE 7-31-90  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

**EXHIBIT "A"**  
**Gothic Mesa Unit Area**  
**Unit Number 94-004216**  
**San Juan County, Utah**

<u>Well Name</u>	<u>Legal Description</u>	<u>Well Type</u>	<u>Status</u>	<u>API Number</u>	<u>Tribal Lease #</u>
6-23	NESW 6-41S-23E	P	SI	43-037-15039-	14-20-603-239
6-34	SWSE 6-41S-23E	P	OP	43-037-15034-	14-20-603-239A
7-21	NENW 7-41S-23E	P	OP	43-037-15036-	14-20-603-239A
7-41	NENE 7-41S-23E	P	OP	43-037-15032-	14-20-603-239A
8-12	SWNW 8-41S-23E	P	OP	43-037-15035-	14-20-603-239
8-33	NWSE 8-41S-23E	P	SI	43-037-15037-	14-20-603-239
8-42	SENE 8-41S-23E	P	TA	43-037-15033-	14-20-603-239-
9-13	NWSW 9-41S-23E	P	TA	43-037-15041-	14-20-603-242
9-24	SESW 9-41S-23E	INJ	SI	43-037-16452-	14-20-603-242-
WSW 1	SENW 9-41S-23E	WSW	SI		14-20-603-242
16-11	NENW 16-41S-23E	P	SI	43-037-15042-	14-20-603-243
16-13A	NWSW 16-41S-23E	P	OP	43-037-31452 <sup>x</sup> -	14-20-603-243
16-22	SENW 16-41S-23E	P	TA	43-037-15043-	14-20-603-243-
16-33	NWSE 16-41S-23E	P	G	43-037-15044-	14-20-603-243
16-44	SESE 16-41S-23E	P	SI	43-037-16453-	14-20-603-243
17-31	NWNE 17-41S-23E	P	SI	43-037-15040-	14-20-603-240

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

\* Changes made 9-26-90

Routing:

1- LCR	✓
2- DTS	✓
3- VLC	✓
4- RJF	✓
5- RWM	✓
7- LCR	✓

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-90)

TO (new operator) <u>GIANT EXPLOR. &amp; PROD. CO.</u>	FROM (former operator) <u>PIONEER OIL AND GAS</u>
(address) <u>P. O. BOX 2810</u>	(address) <u>6925 UNION PARK CTR. #145</u>
<u>FARMINGTON, NM 87499</u>	<u>MIDVALE, UT 84047</u>
phone <u>(505) 326-3325</u>	phone <u>(801) 566-3000</u>
account no. <u>N 0075</u>	account no. <u>N 3025</u>

Well(s) (attach additional page if needed):

Name: <u>SENTINEL PEAK 22-34 (TSMY)</u>	API: <u>4303730748</u>	Entity: <u>00546</u>	Sec. <u>22</u> Twp. <u>41S</u> Rng. <u>26E</u>	Lease Type: <u>INDIAN</u>
Name: <u>MCCELMO CR Q-29 (DSCR)</u>	API: <u>4303715524</u>	Entity: <u>05995</u>	Sec. <u>29</u> Twp. <u>41S</u> Rng. <u>25E</u>	Lease Type: <u>INDIAN</u>
Name: <u>NAVAJO TR 125 #1 (DSCR)</u>	API: <u>4303715541</u>	Entity: <u>05990</u>	Sec. <u>21</u> Twp. <u>41S</u> Rng. <u>25E</u>	Lease Type: <u>INDIAN</u>
Name: <u>NAVAJO TRE 125 #2 (DSCR)</u>	API: <u>4303715542</u>	Entity: <u>05990</u>	Sec. <u>28</u> Twp. <u>41S</u> Rng. <u>25E</u>	Lease Type: <u>INDIAN</u>
Name: <u>NAVAJO TR 125 #4 (DSCR)</u>	API: <u>4303715543</u>	Entity: <u>05990</u>	Sec. <u>28</u> Twp. <u>41S</u> Rng. <u>25E</u>	Lease Type: <u>INDIAN</u>
Name: <u>SENTINEL PEAK #27-14 (TSMY)</u>	API: <u>4303720292</u>	Entity: <u>99991</u>	Sec. <u>27</u> Twp. <u>41S</u> Rng. <u>26E</u>	Lease Type: <u>INDIAN</u>
Name: <u>SENTINEL PEAK 27-21 (TSMY)</u>	API: <u>4303730747</u>	Entity: <u>06020</u>	Sec. <u>27</u> Twp. <u>41S</u> Rng. <u>26E</u>	Lease Type: <u>INDIAN</u>

CONTINUED-----

OPERATOR CHANGE DOCUMENTATION

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_.
- 1 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- 1 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
- 1 6. Cardex file has been updated for each well listed above.
- 1 7. Well file labels have been updated for each well listed above.
- 1 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- 1 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.



## ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) NO (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_. Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

## MICROFILMING

1. All attachments to this form have been microfilmed. Date: October 9 1990.

## FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

## REMARKS

8-20-90 Earl Beecher / Bm Farmington Nm - No documentation as of yet.

8-29-90 Earl Beecher - Informed me that these wells are under the jurisdiction of EPA.

(2 wells - 43-037-30511 (W1W) and 43-037-31144 (WDW) are still listed under MEPNA)

900926 Per DTS re: MEPNA telephone verification (see phone doc.) ok to change (2) wells listed above!

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Routing:

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Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-90)

TO (new operator)	<u>GIANT EXPLOR. &amp; PROD. CO.</u>	FROM (former operator)	<u>PIONEER OIL AND GAS</u>
(address)	<u></u>	(address)	<u></u>
	<u></u>		<u></u>
	<u></u>		<u></u>
phone ( )	<u></u>	phone ( )	<u></u>
account no. <u>N 0075</u>		account no. <u>N3025</u>	

Well(s) (attach additional page if needed):

CONTINUED-----

Name: <u>SENTINEL PEAK 27-32 (ISny)</u>	API: <u>4303730537</u>	Entity: <u>06025</u>	Sec <u>27</u> Twp <u>41S</u> Rng <u>26E</u>	Lease Type: <u>INDIAN</u>
Name: <u>SENTINEL PEAK 27-33 (ISny)</u>	API: <u>4303731029</u>	Entity: <u>06025</u>	Sec <u>27</u> Twp <u>41S</u> Rng <u>26E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOTHIC MESA 6-23 (DSCP)</u>	API: <u>4303715039</u>	Entity: <u>06008</u>	Sec <u>6</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOTHIC MESA 6-34 (DSCP)</u>	API: <u>4303715034</u>	Entity: <u>06008</u>	Sec <u>6</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOTHIC MESA 7-21 (DSCP)</u>	API: <u>4303715036</u>	Entity: <u>06008</u>	Sec <u>7</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOTHIC MESA 7-41 (DSCP)</u>	API: <u>4303715032</u>	Entity: <u>06008</u>	Sec <u>7</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOTHIC MESA 8-12 (DSCP)</u>	API: <u>4303715035</u>	Entity: <u>06008</u>	Sec <u>8</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>

CONTINUED-----

OPERATOR CHANGE DOCUMENTATION

- ☐ 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- ☐ 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- ☐ 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no)        If yes, show company file number:                   .
- ☐ 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- ☐ 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
- ☐ 6. Cardex file has been updated for each well listed above.
- ☐ 7. Well file labels have been updated for each well listed above.
- ☐ 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- ☐ 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Routing:

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Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-90)

TO (new operator)	<u>GIANT EXPLOR. &amp; PROD. CO.</u>	FROM (former operator)	<u>PIONEER OIL AND GAS</u>
(address)	<u></u>	(address)	<u></u>
	<u></u>		<u></u>
	<u></u>		<u></u>
	phone ( )		phone ( )
	account no. <u>N 0075</u>		account no. <u>N 3025</u>

Well(s) (attach additional page if needed):

CONTINUED-----

Name: <u>GOTHIC MESA 8-33 (DSCP)</u>	API: <u>4303715037</u>	Entity: <u>06008</u>	Sec <u>8</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOTHIC MESA 8-42 (DSCP)</u>	API: <u>4303715033</u>	Entity: <u>06008</u>	Sec <u>8</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOTHIC MESA 9-13 (DSCP)</u>	API: <u>4303715041</u>	Entity: <u>06008</u>	Sec <u>9</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>NAVAJO 67-4 (9-24) (DSCP)</u>	API: <u>4303716452</u>	Entity: <u>99990</u>	Sec <u>9</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOTHIC MESA 16-11 (DSCP)</u>	API: <u>4303715042</u>	Entity: <u>06008</u>	Sec <u>16</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOTHIC MESA UNIT 16-13A</u>	API: <u>4303731454 (Sny)</u>	Entity: <u>06008</u>	Sec <u>16</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOTHIC MESA 16-22 (DSCP)</u>	API: <u>4303715043</u>	Entity: <u>06008</u>	Sec <u>16</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>

CONTINUED-----

OPERATOR CHANGE DOCUMENTATION

- \_\_\_ 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- \_\_\_ 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- \_\_\_ 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_ If yes, show company file number: \_\_\_\_\_.
- \_\_\_ 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- \_\_\_ 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
- \_\_\_ 6. Cardex file has been updated for each well listed above.
- \_\_\_ 7. Well file labels have been updated for each well listed above.
- \_\_\_ 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- \_\_\_ 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

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Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-90)

TO (new operator)	<u>GIANT EXPLOR. &amp; PROD. CO.</u>	FROM (former operator)	<u>PIONEER OIL AND GAS</u>
(address)	_____	(address)	_____
	_____		_____
	_____		_____
	phone ( ) _____		phone ( ) _____
	account no. <u>N 0075</u>		account no. <u>N3025</u>

Well(s) (attach additional page if needed):

CONTINUED

Name: <u>GOTHIC MESA 16-33 (DSCP)</u>	API: <u>4303715044</u>	Entity: <u>06008</u>	Sec <u>16</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOTHIC MESA 16-44 (DSCP)</u>	API: <u>4303716453</u>	Entity: <u>06008</u>	Sec <u>16</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: <u>GOTHIC MESA 17-31 (DSCP)</u>	API: <u>4303715040</u>	Entity: <u>06008</u>	Sec <u>17</u> Twp <u>41S</u> Rng <u>23E</u>	Lease Type: <u>INDIAN</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: <u>**SENTINEL PK #27-23</u>	API: <u>4303731144</u>	Entity: <u>99990</u>	Sec <u>27</u> Twp <u>41S</u> Rng <u>26E</u>	Lease Type: <u>INDIAN</u>
Name: <u>**MCELMO CR 28-23</u>	API: <u>4303730511</u>	Entity: <u>05980</u>	Sec <u>28</u> Twp <u>41S</u> Rng <u>25E</u>	Lease Type: <u>INDIAN</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

END-----

**OPERATOR CHANGE DOCUMENTATION**

- \_\_\_ 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- \_\_\_ 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- \_\_\_ 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- \_\_\_ 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- \_\_\_ 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
- \_\_\_ 6. Cardex file has been updated for each well listed above.
- \_\_\_ 7. Well file labels have been updated for each well listed above.
- \_\_\_ 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- \_\_\_ 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION & SERIAL NO.	
		14-20-603-243	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
		Navajo	
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR		Gothic Mesa Unit	
3. ADDRESS OF OPERATOR		8. FARM OR LEASE NAME	
P.O. Box 2810, Farmington, N.M. 87499		Gothic Mesa	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)		9. WELL NO.	
At surface 500' FNL, 500' FWL, Sec. 16, T41S, R23E		16-11	
At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT	
		Greater Aneth	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
		Sec. 16, T41S, R23E	
14. API NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY	13. STATE
43-037-15042	4562' GL	San Juan	Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Status Report <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Annual Status Report

The Gothic Mesa Unit #16-11 is currently shut in. It is planned to return this well to production pending a workover. Notice has been made to the BLM for the administrative review to allow an adequate review period after the change in ownership.

\* Must be accompanied by a cement verification report.

**RECEIVED**

APR 02 1992

DIVISION OF  
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct.

SIGNED <u>Jeffrey R. Vaughan</u>	TITLE <u>Engineering Manager</u>	DATE <u>MAR 31 1992</u>
<small>(This space for Federal or State office use)</small>		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

See Instructions On Reverse Side



**GIANT EXPLORATION &  
PRODUCTION COMPANY**

2200 Bloomfield Highway  
Post Office Box 2810  
Farmington, New Mexico  
87499-2810

	FAX
505	505
326-3325	327-7987

January 29, 1993

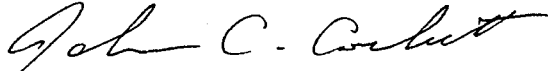
State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Dear Mr. Don Staley:

Enclosed are Giant Exploration & Production Company's annual status reports (Sundry Notice Form 9) in response to your memo dated December 4, 1992.

If you have any questions regarding the enclosed sundries please contact me.

Very Truly Yours,

  
John C. Corbett

Enclosures

/pmm

**RECEIVED**

FEB 02 1993

DIVISION OF  
OIL GAS & MINING

COMPANY: PIONEER OIL & GAS UT ACCOUNT # 113025 SUSPENSE DATE: N/A

TELEPHONE CONTACT DOCUMENTATION

CONTACT NAME: JOHN ANDERSON AND HEGGIE WILSON

CONTACT TELEPHONE NO.: 566-3000 (LOCAL) 6925 UNION PARK CENTER, SUITE 145-MIDVALE, UT  
84047

SUBJECT: CHANGE OF OPERATOR- GOTHIC MESA UNIT  
QUESTION ABOUT EFFECTIVE DATE

(Use attachments if necessary)

RESULTS: JOHN ADVISES THAT THE SALES TRANSACTION WAS EFFECTIVE 10-3-86,  
HOWEVER THE CHANGE OF OPERATOR WAS NOT EFFECTIVE UNTIL 9-16-87.  
PIONEER WILL REPORT FOR THE ENTIRE MONTH OF SEP, PROVIDING  
THEY CAN GET THE INFO FROM MEANA (MOBIL OIL CORP). JOHN  
AND HEGGIE PLAN TO COME INTO THE OFFICE FOR AN OPERATOR'S  
ORIENTATION.

(Use attachments if necessary)

CONTACTED BY: Norm

DATE: 9-29-87

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO. 14-20-603-243	
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
2. NAME OF OPERATOR Giant Exploration & Production Company		7. UNIT AGREEMENT NAME Gothic Mesa Unit	
3. ADDRESS OF OPERATOR P.O. Box 2810, Farmington, N.M. 87499		8. FARM OR LEASE NAME Gothic Mesa	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface At proposed prod. zone 500' FNL, 500' FWL, Sec. 16, T41S, R23E		9. WELL NO. 16-11	
14. API NO. 43-037-15042		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4562' GL	
12. COUNTY San Juan		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

PULL OR ALTER CASING ☐

FRACTURE TREAT ☐

MULTIPLE COMPLETE ☐

SHOOT OR ACIDIZE ☐

ABANDON ☐

REPAIR WELL ☐

CHANGE PLANS ☐

(Other) ☐

APPROX. DATE WORK WILL START \_\_\_\_\_

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

REPAIRING WELL ☐

FRACTURE TREATMENT ☐

ALTERING CASING ☐

SHOOTING OR ACIDIZING ☐

ABANDONMENT\* ☐

(Other) Status Report ☒

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

DATE OF COMPLETION \_\_\_\_\_

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

\* Must be accompanied by a cement verification report.

Annual Status Report:

The Gothic Mesa Unit #16-11 is currently shut-in. Giant Exploration & Production plans to reactivate this well for water injection.

RECEIVED

FEB 02 1993

DIVISION OF

OIL, GAS AND MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Jeffrey R. Vaughan

TITLE Engineering Manager

DATE

JAN 28 1993

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

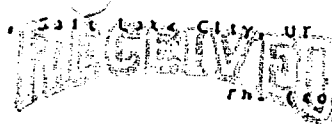


## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS:	WELL LOG	X	ELECTRIC LOGS	4	FILE	X	WATER SANDS	LOCATION INSPECTED	SUB. REPORT/abd.	
* Field Designated 1-28-63										
6/21/65 Verbal Approval to Expand Waterflood operations was given by Paul Burchell										
Included in Gothic Mesa Unit 6/1/65 <i>Commenced to inj 7/65-1/75 (68-1)</i>										
3/2/85 Operator and well name change										
* <i>Operation change 4.24.86</i> * <i>Commenced Injection 9.89.93</i>										
DATE FILED	9/17/62									
LAND: FEE & PATENTED	STATE LEASE NO.		PUBLIC LEASE NO.		INDIAN 14-20-603-243					
DRILLING APPROVED:	9/17/62									
SPUDDED IN:	9/27/62									
COMPLETED:	10-19-62		11-19-62		PUT TO PRODUCING: 11-3-62					
INITIAL PRODUCTION:	280 BOPD									
GRAVITY A.P.I.	40°									
GOR.										
PRODUCING ZONES:	5536'-51' 5569'-77' Desert Creek									
TOTAL DEPTH:	5603'									
WELL ELEVATION:	4562' Ground									
DATE ABANDONED:										
FIELD:	Gothic Mesa									
UNIT:	Gothic Mesa									
COUNTY:	San Juan									
WELL NO	16-11 Gothic Mesa									
LOCATION	500'		FT. FROM (N) (S) LINE.		500'		FT. FROM (E) (W) LINE.		API 43-037-15062 15042	
							NW NW NW		1/4 - 1/4 SEC 16	
Giant Explor. & Prod. Co.										
TWP	RGE	SEC.	OPERATOR	Bona Oil Gas			TWP	RGE	SEC	OPERATOR
41S	23E	16	Superior Oil							
Mesa										

## GEOLOGIC TOPS:

QUATERNARY	Star Point	Shinarump	Manning Canyon
Alluvium	Wahweap	Moenkopi	Mississippian
Lake beds	Masuk	Sinbad	Humbug
Pleistocene	Colorado	PERMIAN	Brazer
Lake beds	Sego	Kaibab	Pilot Shale
TERTIARY	Buck Tongue	Coconino	Madison
Pliocene	Castlegate	Cutler	Leadville
Salt Lake	Mancos	Hoskinnini	Redwall
Oligocene	Upper	DeChelly	DEVONIAN
Norwood	Middle	White Rim	Upper
Eocene	Lower	Organ Rock	Middle
Duchesne River	Emery	Cedar Mesa	Lower
Uinta	Blue Gate	Halgaite Tongue	Ouray
Bridger	Ferron	Phosphoria	Elbert
Green River	Frontier	Park City	McCracken
	Dakota	Rico (Goodridge)	Aneth
	Burro Canyon	Supai	Simonson Dolomite
	Cedar Mountain	Wolfcamp	Sevy Dolomite
	Buckhorn	CARBON I FEROUS	North Point
Wasatch	JURASSIC	Pennsylvanian	SILURIAN
Stone Cabin	Morrison	Oquirrh	Laketown Dolomite
Colton	Salt Wash	Weber	ORDOVICIAN
Flagstaff	San Rafael Gr.	Morgan	Eureka Quartzite
North Horn	Summerville	Hermosa	Pogonip Limestone
Almy	Bluff Sandstone		CAMBRIAN
Paleocene	Curtis	Pardox	Lynch
Current Creek	Entrada	Ismay	Bowman
North Horn	Moab Tongue	Desert Creek	Tapeats
CRETACEOUS	Carmel	Akah	Ophir
Montana	Glen Canyon Gr.	Barker Creek	Tintic
Mesaverde	Navajo		PRE - CAMBRIAN
Price River	Kayenta	Cane Creek	
Blackhawk	Wingate		
	TRIASSIC		



NOV 15 1993

MONTHLY INJECTION REPORT

For the month of September, 1993

DIVISION OF  
OIL, GAS & MINING

Operator: Giant Exploration & Production Company

Telephone: (505) 326-3325

Address: P.O. Box 2810

City: Farmington State: New Mexico Zip: 87499

Well no.: GOTHIC MESA 16-11

Field or Unit name: GOTHIC MESA

Sec.: 16 Twp.: 41S Rng.: 23E County: San Juan

Lease no.: 14-20-603-243

Date.	Volume Injected	Hours in Service	Maximum Pressure	Average Inj. Press.	Tbg/Csg Annulus Press.
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.	256	24			
30.	196	24			
31.					

Total volume injected for month: 452

All time cumulative volume injected: -452

I hereby certify that the foregoing is true and correct to the best of my knowledge:

Signed: Diane G. Jaramillo  
Diane G. Jaramillo

Title: Administrative Manager

Date: 11/9/93



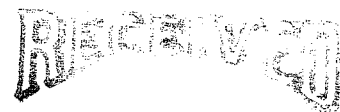
**GIANT EXPLORATION &  
PRODUCTION COMPANY**

2200 Bloomfield Highway  
Post Office Box 2810  
Farmington, New Mexico  
87499-2810

505 FAX  
326-3325 505  
327-7987

December 15, 1993

Mr. Dan Jarvis  
State of Utah  
Division of Oil & Gas Minerals  
355 W. N. Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180



DEC 20 1993

Subject: Gothic Mesa Unit No. 16-11  
500' FNL, 500' FWL  
Sec. 16, T41S, R23E  
San Juan County, Utah

DIVISION OF  
OIL, GAS & MINING

Dear Mr. Jarvis:

Enclosed for your information is our Application for  
Authorization to Inject for the above referenced well. The  
original application has been sent to the Enviromental  
Protection Agency in San Francisco for approval.

If you have any questions please call me at (505) 326-3325.

Sincerely,

Jeffrey R. Vaughan  
Vice President Operations

96 DGJ/dgj

Enclosure

Form

4

UIC



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 UNDERGROUND INJECTION CONTROL  
 PERMIT APPLICATION  
 (Collected under the authority of the Safe Drinking  
 Water Act, Sections 1421, 1422, 40 CFR 144)

I. EPA ID NUMBER

T/A C

U

READ ATTACHED INSTRUCTIONS BEFORE STARTING  
 FOR OFFICIAL USE ONLY

Application approved mo day year	Date Received mo day year	Permit/Well Number	Comments

II. FACILITY NAME AND ADDRESS		III. OWNER/OPERATOR AND ADDRESS	
Facility Name Gothic Mesa Unit 16-11		Owner/Operator Name Giant Exploration & Production Company	
Street Address N/A		Street Address P.O. Box 2810	
City N/A	State	City Farmington	State NM
	ZIP Code		ZIP Code 87499

IV. OWNERSHIP STATUS (Mark 'x')	V. SIC CODES
<input type="checkbox"/> A. Federal <input type="checkbox"/> B. State <input type="checkbox"/> C. Private <input type="checkbox"/> D. Public <input checked="" type="checkbox"/> E. Other (Explain) BIA Navajo Allotted	Oil & Gas Exploration & Production

VI. WELL STATUS (Mark 'x')	
<input type="checkbox"/> A. Operating Date Started mo day year	<input checked="" type="checkbox"/> B. Modification/Conversion <input type="checkbox"/> C. Proposed

VII. TYPE OF PERMIT REQUESTED (Mark 'x' and specify if required)			
<input checked="" type="checkbox"/> A. Individual <input type="checkbox"/> B. Area	Number of Existing wells 1	Number of Proposed wells 0	Name(s) of field(s) or project(s) Gothic Mesa Unit 16-11

VIII. CLASS AND TYPE OF WELL (see reverse)			
A. Class(es) (enter code(s)) II	B. Type(s) (enter code(s)) D	C. If class is "other" or type is code 'x,' explain	D. Number of wells per type (if area permit)

IX. LOCATION OF WELL(S) OR APPROXIMATE CENTER OF FIELD OR PROJECT										X. INDIAN LANDS (Mark 'x')			
A. Latitude		B. Longitude		Township and Range						<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Deg	Min	Sec	Deg	Min	Sec	Twp	Range	Sec	1/4 Sec	Feet from	Line	Feet from	Line
						41S	23E	16	NW	500	N	500	W

XI. ATTACHMENTS	
(Complete the following questions on a separate sheet(s) and number accordingly; see instructions) FOR CLASSES I, II, III (and other classes) complete and submit on separate sheet(s) Attachments A — U (pp 2-6) as appropriate. Attach maps where required. List attachments by letter which are applicable and are included with your application:	

XII. CERTIFICATION	
I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)	

A. Name and Title (Type or Print) Jeffrey R. Vaughan, Vice President Operations	B. Phone No. (Area Code and No.) (505)326-3325
C. Signature 	D. Date Signed DEC 16 1993

DIVISION OF  
OIL, GAS & MINING

EPA Underground Injection Control Permit Application  
Gothic Mesa Unit Well No. 16-11  
Attachments

- A. Area of review methods - The area of review is a fixed radius of 1/4 mile.
- E. Name and depths of USDWs -  
Navajo Sandstone - bottom estimated at 1100'. The formation is protected by the intermediate casing and cement and by the production casing. No exact depth is available since the well was logged after the intermediate casing had been set. This zone should not be affected by injection.
- G. Geologic data on injection and confining zones -  
The injection zone is the Lower Desert Creek formation.  
The Lower Desert Creek is a porous dolomitic limestone  
Total thickness of 55', from 5530' to 5585' KB.  
Perforated interval of 16', 5538' to 5550' KB and 5570' to 5574' KB.  
The fracture pressure is 4047 psi (0.73 psi/ft).  
The upper confining zone is the Upper Desert Creek formation.  
The Upper Desert Creek is shale and thin tight limestone stringers with an anhydrite bed from 5482' to 5492' KB.  
Total thickness of 64', from 5466' to 5530' KB.  
The lower confining zone is the Chimney Rock formation.  
The Chimney Rock is a thick shale zone.  
Total thickness of approximately 20', from 5585' to 5605' KB.
- H. Operating Data -  
(1) Fluid Volumes:  
Maximum daily rate - 1800 barrels per day  
Average daily rate - 150 barrels per day  
(2) Injection Pressures:  
Maximum injection pressures - 1500 psi  
Average injection pressures - 600 psi  
(3) Nature of Annulus Fluid:  
Annulus fluid is fresh water mixed with corrosion inhibitor.  
(5) Source and Analysis of Injection Fluid:  
Source is produced water from producing oil wells.  
Water analysis is attached.
- M. Construction Details - Wellbore diagram is attached.
- Q. Plugging and Abandonment Plan -  
Plugging and abandonment plan is attached. Current BLM guidelines for plugging were used.
- R. Necessary Resources -  
Copies of the BLM, State of Utah and Nationwide Oil and Gas Lease bonds for Giant Exploration & Production Co. are attached.
- S. Aquifer Exemptions - No aquifer exemptions are requested.
- T. Existing Permits - There are no existing EPA permits for this site.
- U. Description of Business -  
The function of this well is to dispose of formation water produced by other wells in the unit.

# WATER ANALYSIS

Formation: -----

Company: GIANT EXPLORATION	Well Name: GOTHIC MESA UNT Well: 16-11
Source: INJECTION WATER	County: SAN JUAN State: UT Date: 11/29/93
Purpose: IDENTIFY WATER	Date Sampled: 11/25/93 Submitted by: CULLER

Specific Gravity: 1.06  
Adjusted to STP : 1.06  
pH: 6.0

Temperature F : 60

## PRINCIPAL CONSTITUENTS

Radical	Mg/L	PPM	Rx Coeff.	EPM
Sodium :	18,272.28	17,238	0.0435	749.8733
Calcium :	8,208.00	7,743	0.0499	386.3757
Magnesium:	208.50	197	0.0822	16.1934
Iron :	50.00	47	0.0358	1.6826
Potassium:		0	0.0256	0.0000
Chloride :	42,420.00	40,019	0.0282	1,128.5358
Sulphate :	1,250.00	1,179	0.0208	24.5232
Bicarbonate:	68.40	65	0.0164	1.0660
Carbonate:	0.00	0	0.0333	0.0000
Hydroxide:	0.00	0	0.0588	0.0000

Remarks : SEC 16, T 41 S, R 23 E

Farmington, NM Lab  
Distribution: McINTOSH

Report#: 1993.1129

Analyzed By: CULLER

Giant Exploration & Production  
Well Bore Diagram

WELL NAME Gothic Mesa Well No. 16-11  
LOCATION 500' FNL, 500' FWL SECTION 16 T 41S R 23E  
COUNTY San Juan STATE Utah

**SURFACE CASING**

Hole Size: 17-1/4"  
Casing: 13-3/8", 48#, H-40  
Casing Set @ 289' with 285  
sacks of neat with 2% CaCl  
circulated to surface.

GLE 4562'

RBM \_\_\_\_\_

DF 4584'

**INTERMEDIATE CASING**

Hole Size: 11"  
Casing: 8-5/8", 24#, J-55  
Casing Set @ 1345' with 150  
sacks with 2% gel 2% CaCl  
estimated top cement at 868'

**WELL HISTORY**

Spud date: 9/27/62  
Original owner: Aztec Oil and Gas  
IP 11/62 BOPD 280 BWPD 0  
GOR \_\_\_\_\_ MCF \_\_\_\_\_  
Completion treatment: acidized  
with 16,000 gallons of 15% HCl

**FORMATION TOPS**

<u>Chinle</u>	<u>1275'</u>
<u>Moenkopi</u>	<u>2152'</u>
<u>Organ Rock</u>	<u>2490'</u>
<u>Cutler</u>	<u>3260'</u>
<u>Hermosa</u>	<u>4340'</u>
<u>Ismay</u>	<u>5260'</u>
<u>Paradox Shale</u>	<u>5427'</u>
<u>Desert Creek</u>	<u>5467'</u>

Squeezed

Squeezed

**CURRENT DATA**

Pumping Unit \_\_\_\_\_  
Tubing 2-3/8, plastic coated  
Pump Size \_\_\_\_\_  
Rod string \_\_\_\_\_  
Remarks \_\_\_\_\_  
converted to injection well in  
July, 1965.

CEMENT TOP 5035', est.

**PERFORATIONS**

5538'-50' 4 SPF  
5570'-74' 4 SPF

PBD 5584'

**PRODUCTION CASING**

Hole Size: 7-7/8"  
Casing: 4-1/2", 10.5#, 9.5#, J-55  
Casing Set @ 5603' with 150  
sacks of 50/50 poz.  
10.5# run to 154'  
cement top estimated at  
5035'

Perforations

5538-5550'  
5570-5574'

TD

5603

driller

Squeezed hole at 2928'  
Squeezed Desert Creek  
perforations from 5536'-51',  
5569'-77' (12/74)  
1/75 pump tested Desert Creek  
from 5570'-74' made all water.

2/93 to 3/93 Sqz'd leaks from  
1673-2080, 1910-2325,  
1796-2087, 2922-2950,  
3132-3203, 2864-3142

Date Last Rev. 8/2/93



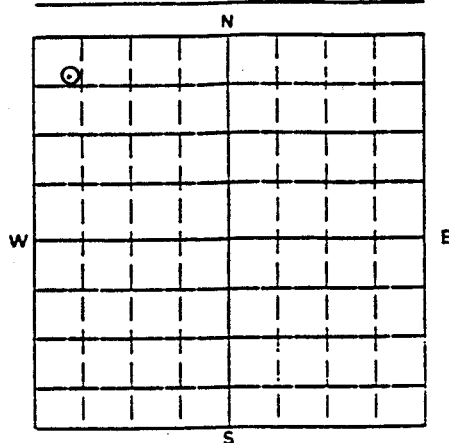


## PLUGGING AND ABANDONMENT PLAN

## NAME AND ADDRESS OF FACILITY

Gothic Mesa Unit Well No. 16-11  
San Juan County, Utah

## NAME AND ADDRESS OF OWNER/OPERATOR

Giant Exploration & Production Company  
P.O. Box 2810  
Farmington, NM 87499LOCATE WELL AND OUTLINE UNIT ON  
SECTION PLAT — 640 ACRES

## STATE

Utah

## COUNTY

San Juan

## PERMIT NUMBER

## SURFACE LOCATION DESCRIPTION

NW 1/4 OF NW 1/4 OF NW 1/4 SECTION 16 TOWNSHIP 41S RANGE 23E

## LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface Location 500 ft. from (N/S) N Line of quarter section  
and 500 ft. from (E/W) E Line of quarter section

## TYPE OF AUTHORIZATION

- ☒
- Individual Permit
- 
- ☐
- Area Permit
- 
- ☐
- Rule

Number of Wells 1

## WELL ACTIVITY

- ☐
- CLASS I
- 
- ☒
- CLASS II
- 
- ☒
- Brine Disposal
- 
- ☐
- Enhanced Recovery
- 
- ☐
- Hydrocarbon Storage
- 
- ☐
- CLASS III

Lease Name Gothic Mesa Unit

Well Number 16-11

## CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT(LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE
13-3/8"	48#		289'	17-1/4"
8-5/8"	24#		1345'	11"
4-1/2"	10.5#/9.5#		5603'	7-7/8"

## METHOD OF EMPLACEMENT OF CEMENT PLUGS

- ☒
- The Balance Method
- 
- ☐
- The Dump Bailer Method
- 
- ☐
- The Two-Plug Method
- 
- ☐
- Other

## CEMENTING TO PLUG AND ABANDON DATA:

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (inches)	4-1/2	4-1/2	4-1/2	4 1/2 x 8-5/8			
Depth to Bottom of Tubing or Drill Pipe (ft.)	5574'	1395'	100'	100'			
Sacks of Cement To Be Used (each plug)	16	12	12	32			
Slurry Volume To Be Pumped (cu. ft.)	18.9	14.2	14.2	37.8			
Calculated Top of Plug (ft.)	5438'	1295'	0	0			
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (Lb./Gal.)	15.8	15.8	15.8	15.8			
Type Cement or Other Material (Class III)	Class "B"	Class "B"	Class "B"	Class "B"			

## LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (If any)

From	To	From	To
Perforated 5538'	5550'		
5570'	5574'		

## Estimated Cost to Plug Wells

\$15,000

## CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

## NAME AND OFFICIAL TITLE (Please type or print)

Jeffrey R. Vaughan  
Vice President Operations

## SIGNATURE

## DATE SIGNED

DEC 16 1993



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

NEW MEXICO STATE OFFICE  
1474 RODEO RD.  
P.O. BOX 27115  
SANTA FE, NEW MEXICO 87502-7115



IN REPLY REFER TO:

3104 (943C-3bc)

APR 24 1992

### DECISION

Principal/Obligor:	:	BLM Bond No.: NM1759
Giant Exploration & Production Company	:	Surety Bond No.: SLR111 3289 3097
P.O. Box 2810	:	Bond Type: Surety
Farmington, NM 87499	:	Bond Amount: \$150,000.00
Surety:	:	Execution Date: April 30, 1971
National Surety Corporation	:	
200 West Monroe Street	:	
Chicago, IL 60606	:	

### Bond Rider Accepted

On May 6, 1991, we received a rider to the bond described above. The rider changes the Bond No. from SLR111 4137 8452 to SLR111 3289 3097.

The rider has been examined, found to be satisfactory, and is accepted May 6, 1991, the date we received it.

Katy Galassini  
Acting Chief, Lease Maintenance Unit

GENERAL PURPOSE RIDER

To be attached to and form part of Bond Number SLR111 4137 8452 effective May 14, 1990

Issued by the National Surety Corporation

In the amount of

One Hundred Fifty Thousand DOLLARS, on behalf of Giant Exploration & Production Company and No/100

as Principal and in favor of US Department of the Interior/Bureau of Land Management as obligee:

Now, Therefore, it is agreed that:

The Bond Number is Amended to Read:

SLR111 3289 3097

It is further understood and agreed that all other terms and conditions of this bond shall remain unchanged.

This rider is to be effective the 14th day of May 19 91

Signed, sealed and dated this 17th day of April 19 91

National Surety Corporation

By:

Linda Albert

Linda Albert

Attorney-in-Fact

Accepted By:

GENERAL  
POWER OF  
ATTORNEY

FIREMAN'S FUND INSURANCE COMPANY

KNOW ALL MEN BY THESE PRESENTS: That FIREMAN'S FUND INSURANCE COMPANY, a Corporation duly organized and existing under the laws of the State of California, and having its principal office in the County of Marin, State of California, has made, constituted and appointed, and does by these presents make, constitute and appoint

RICHARD CHAPPELL, JR., DAVID M. WILDER, VIRGINIA L. GRIFFITH,  
DAVID G. JENSEN and LINDA ALBERT, jointly or severally

PHOENIX, AZ

its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, seal, acknowledge and deliver any and all bonds, undertaking, recognizances or other written obligations in the nature thereof

and to bind the Corporation thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the Corporation and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do in the premises.

This power of attorney is granted pursuant to Article VII, Sections 45 and 46 of By-laws of FIREMAN'S FUND INSURANCE COMPANY now in full force and effect.

"Article VII. Appointment and Authority of Resident Secretaries, Attorney-in-Fact and Agents to accept Legal Process and Make Appearances.

Section 45. Appointment. The Chairman of the Board of Directors, the President, any Vice-President or any other person authorized by the Board of Directors, the Chairman of the Board of Directors, the President or any Vice-President may, from time to time, appoint Resident Assistant Secretaries and Attorneys-in-Fact to represent and act for and on behalf of the Corporation and Agents to accept legal process and make appearances for and on behalf of the Corporation.

Section 46. Authority. The authority of such Resident Assistant Secretaries, Attorneys-in-Fact and Agents shall be as prescribed in the instrument evidencing their appointment. Any such appointment and all authority granted thereby may be revoked at any time by the Board of Directors or by any person empowered to make such appointment."

This power of attorney is signed and sealed under and by the authority of the following Resolution adopted by the Board of Directors of FIREMAN'S FUND INSURANCE COMPANY at a meeting duly called and held on the 7th day of August, 1984, and said Resolution has not been amended or repealed:

"RESOLVED, that the signature of any Vice-President, Assistant Secretary, and Resident Assistant Secretary of this Corporation, and the seal of this Corporation may be affixed or printed on any power of attorney, on any revocation of any power of attorney, or on any certificate relating thereto, by facsimile, and any power of attorney, any revocation of any power of attorney, or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Corporation."

IN WITNESS WHEREOF, FIREMAN'S FUND INSURANCE COMPANY has caused these presents to be signed by its Vice-President, and its corporate

seal to be hereunto affixed this 1st day of February, 19 91



FIREMAN'S FUND INSURANCE COMPANY

By

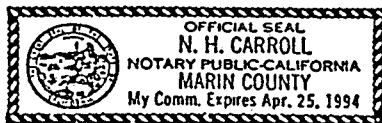
Vice-President

STATE OF CALIFORNIA  
COUNTY OF MARIN

ss.

On this 1st day of February, 19 91, before me personally came R. D. Farnsworth to me known, who, being by me duly sworn, did depose and say: that he is Vice-President of FIREMAN'S FUND INSURANCE COMPANY, the Corporation described in and which executed the above instrument; that he knows the seal of said Corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Corporation and that he signed his name thereto by like order.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year herein first above written.



N. H. Carroll

Notary Public

CERTIFICATE

STATE OF CALIFORNIA  
COUNTY OF MARIN

ss.

I, the undersigned, Resident Assistant Secretary of FIREMAN'S FUND INSURANCE COMPANY, a CALIFORNIA Corporation, DO HEREBY CERTIFY that the foregoing and attached POWER OF ATTORNEY remains in full force and has not been revoked; and furthermore that Article VII, Sections 45 and 46 of the By-laws of the Corporation, and the Resolution of the Board of Directors; set forth in the Power of Attorney, are now in force.

Signed and sealed at the County of Marin. Dated the 17th day of April, 19 91



Linda E. Custer  
Resident Assistant Secretary



# United States Department of the Interior

OFFICE OF THE SECRETARY  
WASHINGTON, D.C. 20240

TAKE  
PRIDE IN  
AMERICA

Real Estate  
Services  
code 220

Ms. Joni A. Nickoley  
Employee Relations manager  
Giant Exploration & Production Co.  
2200 Bloomfield Highway  
P.O. Box 2810  
Farmington, NM 87499-2810

AUG - 9 1991

Dear Ms. Nickoley:

This is in response to your request for approval of Giant Exploration & Production Company Nationwide Oil and Gas Lease Bond No. SLR 11141378528.

This bond shows Giant Exploration & Production Company as principal, National Surety Corporation of Chicago, Illinois, as surety, and was executed effective December 26, 1990 (\$150,000 coverage).

The bond is hereby approved as of the date of this correspondence and will be retained in the Bureau's Division of Real Estate Services, 1849 C Street, N.W., Mail stop 4522-MIB, Washington, D.C. 20240. The surety and all Bureau Area Offices are being informed of this action. In cases where you have existing individual bonds on file with one or more of our field offices, you may now request those offices to terminate in lieu of coverage by this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

  
ACTING Director, Office of Trust and  
Economic Development

Enclosures

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF INDIAN AFFAIRS

NATIONWIDE OIL AND GAS LEASE BOND

KNOW ALL MEN BY THESE PRESENTS, That we, Giant Exploration & Production  
Company New Mexico

....., of .....,  
as principal..., and National Surety Corporation

of Illinois....., as suret<sup>y</sup>....., are held and firmly bound unto the  
United States of America in the sum of one hundred fifty thousand (150,000) lawful money of the  
United States, for the payment of which, well and truly to be made, we bind ourselves and each of us, our  
and each of our heirs, successors, executors, administrators, and assigns, jointly and severally, firmly by  
these presents.

Sealed with our seals and dated this 26th day of December....., 19 90.

The condition of this obligation is such that whereas the said principal.... ha.... heretofore or may  
hereafter enter into or otherwise acquire an interest in oil and gas mining leases and oil and gas prospect-  
ing permits of various dates and periods of duration covering lands or interests in lands held by the United  
States in trust for individual Indians, or tribes or bands of Indians, or subject to restrictions against  
alienation without the consent of the Secretary of the Interior or his authorized representative, which  
leases and permits have been or may hereafter be granted or approved by the Secretary of the Interior  
or his authorized representative, and the identification of which herein is expressly waived by both prin-  
cipal.... and suret..... hereto.

WHEREAS the principal.... and suret..... agree that the coverage of this bond shall extend to and  
include all extensions and renewals of leases and permits covered by this bond, such coverage to continue  
without any interruption due to the expiration of the term set forth therein.

WHEREAS the suret..... hereby waive.... any right to notice of any modification of any such lease  
or permit, or obligation thereunder whether effected by extension of time for performance, by commit-  
ment of such lease to unit, cooperative, or communitization agreement, by waiver, suspension, or change  
in rental, except an increase thereof, by minimum royalty payment, except an increase thereof, by com-  
pensatory royalty payment, or otherwise, this bond to remain in full force and effect notwithstanding.

WHEREAS the principal.... and suret..... agree that the neglect or forbearance of the obligee of  
any such lease or permit in enforcing the payment of any rental or royalty or the performance of any  
other covenant, condition, or agreement of any such lease or permit shall not in any way release the prin-  
cipal.... and suret....., or either of them, from any liability under this bond; and

WHEREAS the principal.... and suret..... agree that in the event of any default under any such lease  
or permit, the obligee may prosecute any claim, suit, action, or other proceeding against the principal....  
and suret....., or either of them, without the necessity of joining the other.

Now, if the said principal.... herein shall faithfully carry out and observe all the obligations assumed  
in said leases and permits to which Giant Exploration & Production Company  
is now or may hereafter become a party, and shall observe all the laws of the United States and regula-

tions made, or which shall be made, thereunder, for the government trade and intercourse with Indian tribes, and all rules and regulations that have been or shall hereafter be lawfully prescribed by the Secretary of the Interior relative to said oil and gas mining leases and permits, and shall in all particulars comply with the provisions of said leases, permits, rules and regulations, then this obligation shall become null and void; otherwise, to remain in full force and effect.

The rate of premium charged on this bond is \$.....; the total premium paid is \$.....

Signed and sealed in the presence of—

WITNESSES\*

Carl J. Becked  
P.O. Box 2810, Farmington, NM 87401  
Jon A. Hawley  
P.O. Box 2810, Farmington, NM 87499

Giant Exploration & Production Company

as to Aldrich L. Kuchera [SEAL]  
Aldrich L. Kuchera, President

P.O. .... as to ..... [SEAL]

P.O. ....

P.O. .... as to ..... [SEAL]

P.O. ....

P.O. .... as to ..... [SEAL]

P.O. ....

\*Two witnesses to each signature.

DEPARTMENT OF THE INTERIOR  
BUREAU OF INDIAN AFFAIRS  
Washington 25, D. C.

Approved: Authority delegated at  
230 DM 2.5C dated 11-04-88

AUG 9 1991

[Signature]  
Director, Office of Trust and  
Economic development



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF STATE LANDS AND FORESTRY

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Richard J. Mitchell  
Division Director

355 West North Temple  
3 Triad Center, Suite 400  
Salt Lake City, Utah 84180-1204  
801-538-5508

October 9, 1990

Hixon Development Company  
P.O. Box 2810  
Farmington, NM  
87499

ATTENTION: JONI A. NICKOLEY

Dear Ms. Nickoley:

This office is in receipt of your notice informing this office that Hixon Development Company changed it's name to Giant Exploration & Production Company effective July 1, 1990. Please be advised that in order for this office to recognize this name change you must submit evidence that this name change did take place, a list of the leases involved, and a \$10 filing fee for each lease.

I trust this information will be sufficient for your needs.

Yours very truly,

BECKY PRITCHETT  
RESEARCH ANALYST

bp





**FIREMAN'S FUND  
INSURANCE COMPANIES**

**RIDER**

To be attached to and form part of Bond No. SLR 111 3268 3647

in favor of HIXON DEVELOPMENT COMPANY

It is agreed that:

Named Principal is changed to: **GIANT EXPLORATION & PRODUCTION COMPANY**

In re: **Blanket Plugging bond -- State of Utah**

This rider is effective as of noon on July 3, 1990, standard time as specified in the  
attached bond.

National Surety Corporation  
By: Deborah L. Steele  
Authorized Agent  
Deborah L. Steele, Attorney-in-fact

Accepted:

GIANT EXPLORATION & PRODUCTION COMPANY

Insured

By: Aldrich L. Kuchera  
Aldrich L. Kuchera, President Title

GENERAL  
POWER OF  
ATTORNEY

NATIONAL SURETY CORPORATION

KNOW ALL MEN BY THESE PRESENTS: That NATIONAL SURETY CORPORATION, a Corporation duly organized and existing under the laws of the State of Illinois, and having its Home Office in the City of Chicago, County of Cook, State of Illinois, has made, constituted and appointed, and does by these presents make, constitute and appoint **GEORGE WRAY, GEORGE WRAY, JR., O. H. FINCK, J. BURTON BARNES, AUSTIN W.**

**MOORE, MICHAEL N. VENSON, H. L. ROESLER, LORETTA E. GARCIA, ROBERT B. WRAY, RUTH E. DEVAGE**  
and **DEBORAH L. STEELE**; jointly or severally

**SAN ANTONIO, TX**

its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, seal, acknowledge and deliver any and all bonds, undertaking, recognizances or other written obligations in the nature thereof -----

and to bind the Corporation thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the Corporation and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do in the premises.

This power of attorney is granted pursuant to Article VII, Sections 44 and 45 of By-laws of NATIONAL SURETY CORPORATION now in full force and effect.

"Article VII. Appointment and Authority of Resident Secretaries, Attorney-in-Fact and Agents to accept Legal Process and Make Appearances.

Section 44. Appointment. The Chairman of the Board of Directors, the President, any Vice-President or any other person authorized by the Board of Directors, the Chairman of the Board of Directors, the President or any Vice-President may, from time to time, appoint Resident Assistant Secretaries and Attorneys-in-Fact to represent and act for and on behalf of the Corporation and Agents to accept legal process and make appearances for and on behalf of the Corporation.

Section 45. Authority. The authority of such Resident Assistant Secretaries, Attorneys-in-Fact and Agents shall be as prescribed in the instrument evidencing their appointment. Any such appointment and all authority granted thereby may be revoked at any time by the Board of Directors or by any person empowered to make such appointment."

This power of attorney is signed and sealed under and by the authority of the following Resolution adopted by the Board of Directors of NATIONAL SURETY CORPORATION at a meeting duly called and held on the 29th day of June, 1984, and said Resolution has not been amended or repealed:

"RESOLVED, that the signature of any Vice-President, Assistant Secretary, and Resident Assistant Secretary of this Corporation, and the seal of this Corporation may be affixed or printed on any power of attorney, on any revocation of any power of attorney, or on any certificate relating thereto, by facsimile, and any power of attorney, any revocation of any power of attorney, or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Corporation."

IN WITNESS WHEREOF, NATIONAL SURETY CORPORATION has caused these presents to be signed by its Vice-President, and its corporate seal to be hereunto affixed this 20th day of April, 19 90.



NATIONAL SURETY CORPORATION

By

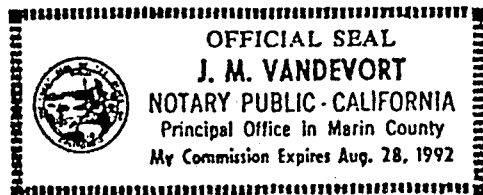
Vice-President

STATE OF CALIFORNIA  
COUNTY OF MARIN

ss.

On this 20th day of April, 19 90, before me personally came R. D. Farnsworth, to me known, who, being by me duly sworn, did depose and say: that he is Vice-President of NATIONAL SURETY CORPORATION, the Corporation described in and which executed the above instrument; that he knows the seal of said Corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Corporation and that he signed his name thereto by like order.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year herein first above written.



CERTIFICATE

STATE OF CALIFORNIA  
COUNTY OF MARIN

ss.

I, the undersigned, Resident Assistant Secretary of NATIONAL SURETY CORPORATION, an ILLINOIS Corporation, DO HEREBY CERTIFY that the foregoing and attached POWER OF ATTORNEY remains in full force and has not been revoked; and furthermore that Article VII, Sections 44 and 45 of the By-laws of the Corporation, and the Resolution of the Board of Directors; set forth in the Power of Attorney, are now in force.

Signed and sealed at the County of Marin. Dated the 3rd day of July, 19 90.



Resident Assistant Secretary

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well:

OIL ☒

GAS ☒

OTHER: (w/w)

2. Name of Operator:

Central Resources, Inc.

3. Address and Telephone Number:

1775 Sherman Street, Suite 2600 Denver, CO 80203 303-830-0100

4. Location of Well:

Footages:

500' FNL & 500' FWL

QQ, Sec., T., R., M.:

NW NW Sec. 16-T41S-R23E

5. Lease Designation and Serial Number:

14-20-603-243

6. If Indian, Allottee or Tribe Name:

Navajo

7. Unit Agreement Name:

Gothic Mesa

8. Well Name and Number:

Gothic Mesa 16-11

9. API Well Number:

43-037-15042

10. Field and Pool, or Wildcat:

Desert Creek

County: San Juan

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**NOTICE OF INTENT**

(Submit in Duplicate)

☐ Abandonment

☐ New Construction

☐ Casing Repair

☐ Pull or Alter Casing

☐ Change of Plans

☐ Recompletion

☐ Conversion to Injection

☐ Shoot or Acidize

☐ Fracture Treat

☐ Vent or Flare

☐ Multiple Completion

☐ Water Shut-Off

☐ Other \_\_\_\_\_

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**

(Submit Original Form Only)

☐ Abandonment \*

☐ New Construction

☐ Casing Repair

☐ Pull or Alter Casing

☐ Change of Plans

☐ Shoot or Acidize

☐ Conversion to Injection

☐ Vent or Flare

☐ Fracture Treat

☐ Water Shut-Off

☒ Other Change of Operator

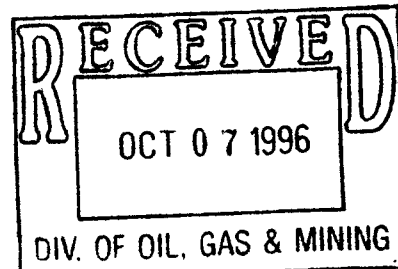
Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective 9/1/96 operations of the subject well were transferred from Giant Exploration & Production Company to Central Resources, Inc.



Giant Exploration & Production Company

Name & Signature

Diana D. Arreola

Title: Production/Regulatory Manager Date: August 30, 1996

13.

Central Resources, Inc.

Name & Signature

John Martinez

Title: Engineering Technician Date: August 30, 1996

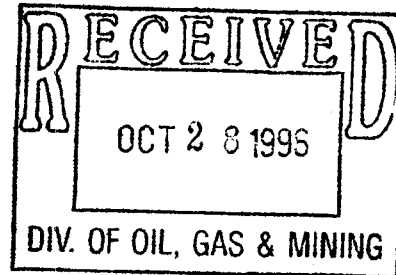
(This space for State use only)

# CENTRAL

---

RESOURCES, INC.

October 23, 1996



Ms. Lesha Cordova  
State of Utah  
Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Re: Monthly Oil & Gas Production Report

Dear Ms. Cordova:

Central Resources, Inc. purchased all assets from Giant Exploration & Production Company effective September 1, 1996.

Central is in the process of acquiring a Utah Account Number. However, to avoid mailing the enclosed Monthly Oil and Gas Production Report late, the account number on the report has been left blank.

If you have any questions regarding this matter, please contact Edna Wageman or myself at (505) 326-3325.

Sincerely,

*Diane G. Jaramillo by EW*

Diane G. Jaramillo  
Office Supervisor

DGJ/

Enclosure

*\* 9/6/028 notified Oper. NL935 "Central Res. Inc."  
(clg. not finalized yet!)*

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: Gothic Mesa 16-11Field or Unit name: Gothic Mesa API no. 43-037-15042Well location: QQ NWNW section 16 township 41S range 23E county San JuanEffective Date of Transfer: 9/1/96

## CURRENT OPERATOR

Transfer approved by:

Name Monte N. SwetnamCompany Giant Exploration & Production CompanySignature Monte N. SwetnamAddress 2200 Bloomfield HighwayTitle Executive Vice PresidentFarmington, NM 87499Date 10/30/96Phone ( 505 ) 326-3327

Comments:

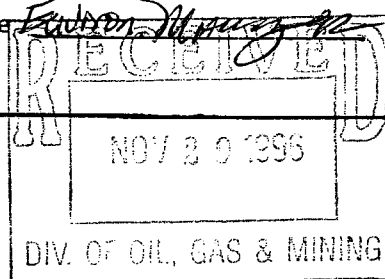
## NEW OPERATOR

Transfer approved by:

Name Irene MartinezCompany Central Resources, Inc.Signature Irene MartinezAddress 1775 Sherman Street, Suite 2600Title Engineering TechnicianDenver, Colorado 80203Date October 25, 1996Phone ( 303 ) 830-0100

Comments:

(State use only)

Transfer approved by: [Signature]Title [Signature]Approval Date 12/29/97

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 1 of 1

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

DIANE G JARAMILLO  
 GIANT EXPLOR & PROD CO  
 PO BOX 2810  
 FARMINGTON NM 87499

UTAH ACCOUNT NUMBER: N0075REPORT PERIOD (MONTH/YEAR): 11 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
NAVAJO TRE 125 #2								
4303715542	05990	41S 25E 28	DSCR			1420603700		
NAVAJO TR 125 #4						"		
4303715543	05990	41S 25E 28	DSCR			"		
MCELMO CR Q-29						"		
4303715524	05995	41S 25E 29	DSCR					
GOTHIC MESA 7-41						1420603239	Gothic Mesa Unit	
4303715032	06008	41S 23E 7	DSCR					
GOTHIC MESA 6-34						1420602243	"	
4303715034	06008	41S 23E 6	DSCR					
GOTHIC MESA 8-12						1420603239	"	
4303715035	06008	41S 23E 8	IS-DC					
GOTHIC MESA 7-21						1420603239A	"	
4303715036	06008	41S 23E 7	DSCR					
GOTHIC MESA 8-33						1420603239	"	
4303715037	06008	41S 23E 8	DSCR					
GOTHIC MESA 6-23						"	"	
4303715039	06008	41S 23E 6	DSCR					
GOTHIC MESA 17-31						1420603240	"	
4303715040	06008	41S 23E 17	DSCR					
GOTHIC MESA UNIT 16-13A						1420604243	"	
4303731454	06008	41S 23E 16	ISMY					
GOTHIC MESA UNIT #6-43						1420603239	"	
4303731643	06008	41S 23E 6	DSCR					
Gothic mesa 16-11						"	"	
4303715042		41S 23E 16	DSCR	/w/w		1420602243		
<b>TOTALS</b>								

COMMENTS: \_\_\_\_\_

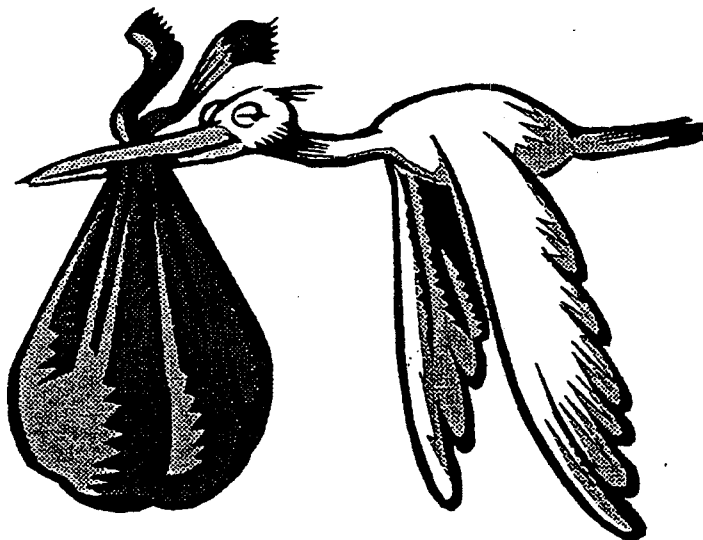
I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

**BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE**



*It's a FAX !*

**1235 La Plata Hwy., Suite A  
Farmington, NM 87401  
Fax: 505-599-8998**

<b>TO:</b> Lisha	
<b>FROM:</b> Duane Spencer, Farmington BLM office	
<b>DATE:</b> 12-23-97	<b>No. Pages (Incl. Cover):</b> 7
<b>Comment:</b>	



United States Department of the Interior

**BUREAU OF INDIAN AFFAIRS  
NAVAJO AREA OFFICE**

P. O. Box 1060  
Gallup, New Mexico 87305-1060

IN REPLY  
REFER TO:

**ARES/543**

**CERTIFIED MAIL - RETURN RECEIPT REQUESTED**

**Ms. Carrie E. Schwarz**  
**Central Resources, Inc.**  
**2600 Mellon Center**  
**1775 Sherman Street**  
**Denver, CO. 80203-4313**

Dear Ms. Schwartz:

Enclosed for your information and file is the original copy of the approved Designation of Successor Unit Operator for the Gothic Mesa Unit Agreement No. SWI-4216.

We are providing your company with the "Operator" copy and request that you furnish the other parties to the agreement with a copy of the approved document.

By a copy of this letter, we are providing copies of the approved agreement to the Bureau of Land Management, Farmington District Office and the Navajo Nation, Minerals Department.

If you have any questions, please contact Ms. Bertha Spencer, Realty Specialist, at telephone number (520) 871-5938.

Sincerely,

**/s/ DALE UNDERWOOD**

**ACTING** Area Realty Officer

## Enclosures

cc: BLM, Farmington District Office ✓  
Navajo Tribal Minerals Department  
Giant Exploration & Producing Company, 2200 Bloomfield Hwy., Farmington, NM 87499

RECEIVED  
BLM

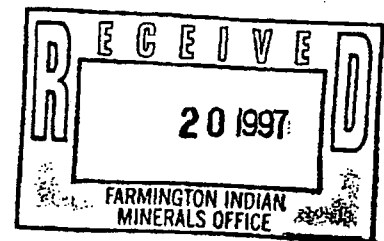
97 NOV 20 PM 1:44

070 FARMINGTON, NM  
7 1997

NOV 17 1997

**B**

ADRIAN \_\_\_\_\_  
ALL INFORMATION \_\_\_\_\_  
CITY OF \_\_\_\_\_  
DEPT. OF \_\_\_\_\_ **280** \_\_\_\_\_  
OFFICE OF \_\_\_\_\_  
PUBLIC AFFAIRS \_\_\_\_\_  
LAND RESOURCES \_\_\_\_\_  
ENVIRONMENT \_\_\_\_\_  
FILES \_\_\_\_\_





RECEIVED  
BLM  
RESIGNATION OF UNIT OPERATOR 96 OCT 24 PM 2:15  
97 NOV 20 PM 1:14  
GOthic MESA UNIT AREA  
070 FARMINGTON, COUNTY OF SAN JUAN  
STATE OF UTAH  
UNIT AGREEMENT NO. SWI-4216


RECEIVED  
DEC - 6 1996  
NAVAJO AREA OFFICE  
REAL ESTATE SERVICES

Under and pursuant to the provisions of Section 5 of the Unit Agreement for the Development and Operation of the Gothic Mesa Unit Area, San Juan County, Utah,

Giant Exploration & Production Company the designated Unit Operator under said Unit Agreement, does hereby resign as Unit Operator, effective upon the selection and approval of a successor Unit Operator.

EXECUTED with effect as aforesaid the 30th day of August, 1996.

ATTEST:

  
Steven K. Smith  
Assistant Secretary

Giant Exploration & Production Company

  
John C. Corbett  
Sr. Vice President

DESIGNATION OF  
SUCCESSOR UNIT OPERATOR

GOthic MESA UNIT AREA

COUNTY OF SAN JUAN

STATE OF UTAH

UNIT AGREEMENT NO. SWI-4216

THIS INDENTURE, dated as of the 30th day of August, 1996, by and between Central Resources, Inc., hereinafter designated as "First Party," and the owner of unitized working interests, hereinafter designated as "Second Parties,"

RECEIVED

DEC 6 1996

NAVAJO AREA OFFICE  
BRANCH OF REAL ESTATE SERVICES

## WITNESSETH:

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior, on the 20th day of May, 1965, approved a Unit Agreement for the Gothic Mesa Unit Area, wherein Aztec Oil & Gas Company is designated as Unit Operator, and


WHEREAS said, Giant Exploration & Production Company has resigned as such Operator and the designation of a successor Unit Operator is now required pursuant to the terms thereon; and

WHEREAS the First Party has been and hereby is designated by Second Parties as Unit Operator, and said First Party desires to assume all the rights, duties and obligations of Unit Operator under the said Unit Agreement:

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises hereinafter stated, the First party hereby covenants and agrees to fulfill the duties and assume the obligation of Unit Operator under and pursuant to all the terms of the Gothic Mesa Unit Agreement, and the Second Parties covenant and agree that, effective upon approval of this indenture by the Chief, Branch of Fluid Minerals, Bureau of Land Management, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Unit Operator, pursuant to the terms and conditions of said Unit Agreement; said Unit Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Unit Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

FIRST PARTY  
Central Resources, Inc.


BY   
Gary D. Davis  
Vice President, Business Development

APPROVED, PURSUANT TO SECRETARY'S REDELEGATION ORDER 209 DM, 8, SECRETARY'S ORDER NOS. 3150 AND 3177, AND 10 BLM BULLETIN 13, AS AMENDED.

  
ACTING Area Director

Date: NOV 17 1997

SECOND PARTIES  
Central Resources, Inc.

BY   
Gary D. Davis  
Vice President, Business Development

Execution Date: August 30, 1996

## CORPORATE ACKNOWLEDGMENT

STATE OF ~~NEW MEXICO~~ <sup>COLORADO</sup>  
COUNTY OF ~~SAN JUAN~~ <sup>DENVER</sup> ) SS.

The foregoing instrument was acknowledged before me this 30<sup>th</sup> day of August, 1996, by Harry D. Davis, and by Harry D. Davis

WITNESS my hand and official seal.

My Commission Expires:

6-15-98

Place of Residence:

Denver, CO

Carrie E. Schwarz  
Notary Public



## CORPORATE ACKNOWLEDGMENT

STATE OF New Mexico )  
COUNTY OF San Juan ) SS.

The foregoing instrument was acknowledged before me this \_\_\_\_ day of \_\_\_\_\_, 1996, by \_\_\_\_\_, and by \_\_\_\_\_.

WITNESS my hand and official seal.

My Commission Expires:

\_\_\_\_\_

\_\_\_\_\_  
Notary Public

Place of Residence:

\_\_\_\_\_



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Farmington District Office  
1235 La Plata Highway  
Farmington, New Mexico 87401

IN REPLY REFER TO:

Gothic Mesa Unit (UA)  
3180 (07400)

November 7, 1996

### Memorandum

To: Area Director, Bureau of Indian Affairs, Gallup NM  
From: Team Leader, Petroleum Management Team  
Subject: Designation of Successor Operator for the Gothic Mesa Unit

Submitted for your approval is a Self Certification for Resignation of Unit Operator and Designation of Successor Operator for the Gothic Mesa Unit, which only includes Indian leases. Upon approval, please return one copy to this office for our records and for posting to all record keeping systems.

If you have any questions, please call Geneva McDougall at (505) 599-6355.

/s/ Duane Spencer

Duane W. Spencer

cc:

UA file- Gothic Mesa Unit  
DOM Reader  
07327:GMcDougall:gm:11/7/96

15 wells producing } Gothic Mesa  
3 wells shut in }  
recommend increase in bonding since  
Central Resources already has a significant  
number of wells in the short-term Gallup unit

# **CENTRAL**

---

## **RESOURCES, INC.**

RECEIVED  
BLM

OCT 29 - 1 PM 1:31

070 FARMINGTON, NM

October 29, 1996

Bureau of Land Management  
Farmington District Office  
1235 La Plata Highway  
Farmington, New Mexico 87401

Re: Self Certification for Resignation of Unit Operator and  
Designation of Successor Operator for the Gothic Mesa  
Unit Agreement in San Juan County, New Mexico


Gentlemen:

Giant Exploration & Production Company has resigned as operator of the Gothic Mesa Unit located in the following legal description and designates Central Resources, Inc. as Successor Operator:

T41S, R23E, SLM,  
Sections: 6, 5, 7, 8, 9, 10, 15, 16, 17, 18

Central Resources, Inc., as the designated successor operator under the Gothic Mesa Unit Agreement, hereby certifies that the requisite approvals of the current working interest owners in the agreement have been obtained to satisfy the requirements for the selection of a successor operator as set forth under the terms and provision of the agreement. All operations within the Gothic Mesa Unit will be covered under Central's nationwide BIA Bond No. BO5377

Sincerely

  
GARY D. DAVIS  
Vice President, Business Development

GDD/im

## OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-JEC	6-JEP
2-GLH	7-KAS
3-DTS	8-SI
4-VLD	9-FIE
5-JRB	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 9-1-96

TO: (new operator) CENTRAL RESOURCES INC  
 (address) 1775 SHERMAN ST STE 2600  
DENVER CO 80203-4313  
IRENE MARTINEZ  
 Phone: (303)830-0100  
 Account no. N6935

FROM: (old operator) GIANT EXPLOR & PROD CO  
 (address) PO BOX 2810  
FARMINGTON NM 87499  
DIANE JARAMILLO  
 Phone: (505)326-3325  
 Account no. N0075

WELL(S) attach additional page if needed:

**\*GOTHIC MESA UNIT**

Name: <b>**SEE ATTACHED**</b>	API: <u>43-037-15048</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(rec'd 10-7-96)*
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(rec'd 10-7-96)*
- lec 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(12-23-97) \* LIC DBASE E. Queiro Pro.*
- lec 6. **Cardex** file has been updated for each well listed above. *(12-23-97)*
- lec 7. Well **file labels** have been updated for each well listed above. *(12-23-97)*
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc.
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) \_\_\_\_ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

## BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- Yes 2. A **copy of this form** has been placed in the new and former operator's bond files.
- \_\_\_\_ 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) \_\_\_\_, as of today's date \_\_\_\_\_. If yes, division response was made to this request by letter dated \_\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on \_\_\_\_\_ to \_\_\_\_\_ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_ 19 \_\_\_\_, of their responsibility to notify all interest owners of this change.

## FILMING

- Yes 1. All attachments to this form have been **microfilmed**. Today's date: 1.20.98.

## FILING

- \_\_\_\_ 1. **Copies** of all attachments to this form have been filed in each **well file**.
- \_\_\_\_ 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

## COMMENTS

971223 BIA/Farmington Nm Appv. 11-17-97.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

14-20-603-243

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

6. If Indian, Allottee or Tribe Name:

Navajo

7. Unit Agreement Name:

Gothic Mesa

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

8. Well Name and Number:

Gothic Mesa 16-11

2. Name of Operator:

Elm Ridge Resources, Inc.

9. API Well Number:

43-037-15042

3. Address and Telephone Number:

312 W. LaPlata Street, Farmington, New Mexico (505) 326-7099

10. Field and Pool, or Wildcat:

Desert Creek

4. Location of Well:

Footages: 500' FNL &amp; 500' FWL

County: San Juan

QQ, Sec., T., R., M.:

NW NW Sec. 16-T41S-R23E

State: Utah

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA****NOTICE OF INTENT**

(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recom                |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**

(Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandonment *                              | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                              | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                            | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection                    | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                             | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective October 1, 2000, operations of the subject well were transferred from Central Resources, Inc. to Elm Ridge Resources, Inc.

**RECEIVED**

OCT 10 2000

DIVISION OF  
OIL, GAS AND MINING

Central Resources, Inc.

Name &amp; Signature

*Irene Martinez*Title: Engineering TechnicianDate: 09/29/00

13.

Elm Ridge Resources, Inc.

Name &amp; Signature

*Darryl Endrey*Title: Operations ManagerDate: 09/29/00

(This space for State use only)

6008



Form 3160-5  
(November 1994)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

SUBMIT IN TRIPLICATE - Other instructions on reverse side

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

Elm Ridge Resources, Inc.

## 3a. Address

PO Box 189 Farmington, NM 87499

## 3b. Phone No. (include area code)

505-632-3476

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

500' FNL & 500' FWL

Sec. 16-T41S-R23E

## 5. Lease Serial No.

14-20-603-243

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA/Agreement, Name and/or No.

Gothic Mesa

## 8. Well Name and No.

Gothic Mesa Unit 16 #11

## 9. API Well No.

43-037-15042

## 10. Field and Pool, or Exploratory Area

Greater Aneth

## 11. County or Parish, State

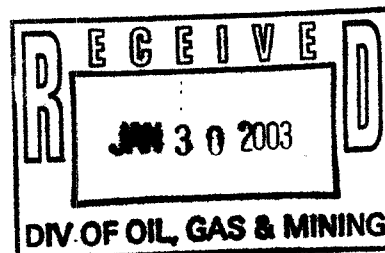
San Juan, Utah

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input checked="" type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Elm Ridge Resources plans to perform the MIT on Thursday, July 26, 2001 @ 1:00 PM. To be witnessed by Dan Jarvis. If this well passed the MIT, it will be returned to production. If the well fails, Elm Ridge Resources will submit a P&A Procedure.



## 14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Trudy Grubelnik

Title

Production Technician

Signature

*Trudy Grubelnik*

Date

July 24, 2001

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number Gothic Mesa 16-11		API Number 43-037-15042
Location of Well Footage: _____ County: San Juan		Field or Unit Name Gothic Mesa Unit
QQ, Section, Township, Range: NWNW, 16-T41S-R23E State: UTAH		Lease Designation and Number 14-20-603-243

EFFECTIVE DATE OF TRANSFER: 10-1-2000

CURRENT OPERATOR

N6935

Company: Central Resources, Inc. Name: Catherine I. Eakle  
Address: 1775 Sherman St., Ste 2600 Signature: *Catherine I. Eakle*  
city Denver state CO zip 80203 Title: Senior Vice President  
Phone: (303) 830-0100 Date: March 27th, 2003

Comments:

For your reference, please find enclosed a recorded copy of the Assignment, Bill of Sale and Conveyance from Central Resources, Inc. into Elm Ridge Exploration Company effective June 1, 2000.

NEW OPERATOR

N11440

Company: Elm Ridge Resources, Inc. *C. Colby*  
~~Elm Ridge Exploration Company~~ Name: Cathleen Colby  
Address: 12225 Greenville Avenue, Ste 950 Signature: *Cathleen Colby*  
city Dallas state TX zip 75243 Title: Landman  
Phone: (972) 889-2100 Ext. 103 Date: April 9, 2003

Comments:

(This space for State use only)

Transfer approved by: *[Signature]*

Approval Date: 5/28/03

Title: *Paul S. Soderstrom*

Comments: CASE # 101-1

UIC administered by EPA on Indian lease.

RECEIVED

APR 11 2003

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:  
14-20-603-243

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
Navajo

7. UNIT or CA AGREEMENT NAME:  
Gothic Mesa Unit

8. WELL NAME and NUMBER:  
Gothic Mesa 16-11

9. API NUMBER:  
4303715042

10. FIELD AND POOL, OR WILDCAT:  
Gothic Mesa

1. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☐ OTHER Water Disposal

2. NAME OF OPERATOR:  
Elm Ridge Resources, Inc.

3. ADDRESS OF OPERATOR:  
12225 Greenville Ave, <sup>1</sup>CITY Dallas STATE TX ZIP 75243

PHONE NUMBER:  
(972) 889-2100

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 500N, 500W

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 16 41S 23E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective October 1, 2000, Elm Ridge Resources, Inc. assumed operations of the above well from Central Resources, Inc.

NAME (PLEASE PRINT) Cathleen Colby

TITLE Landman

SIGNATURE

*Cathleen Colby*

DATE 4/21/2003

(This space for State use only)

RECEIVED  
APR 29 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

14-20-603-243

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Navajo

7. UNIT or CA AGREEMENT NAME:

Gothic Mesa Unit

8. WELL NAME and NUMBER:

Gothic Mesa 16-11

9. API NUMBER:

4303715042

10. FIELD AND POOL, OR WILDCAT:

Gothic Mesa

1. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER ☐

2. NAME OF OPERATOR:

Elm Ridge Resources, Inc.

3. ADDRESS OF OPERATOR:

12225 Greenville Ave CITY Dallas

STATE TX

ZIP 75243

PHONE NUMBER:

(972) 889-2100

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 500N, 500W

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 16 41S 23E

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT  
(Submit in Duplicate)  
Approximate date work will start:

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)  
Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: Operator Change

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective October 1, 2000, Central Resources, Inc. transfers all responsibility of Operations on the above well to Elm Ridge Resources, Inc.

NAME (PLEASE PRINT) Jeannette H. Feigt

TITLE Vice President

SIGNATURE

DATE

4-30-03

(This space for State use only)

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MAY 6 2003

DIV. OF OIL, GAS & MINING

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

## X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:							10/01/2000	
<b>FROM: (Old Operator):</b>			<b>TO: ( New Operator):</b>					
Central Resources, Inc.			Elm Ridge Resources, Inc.					
1775 Sherman St, Suite 2600			Address: 12225 Greenville Avenue, Suite 950					
Denver, CO 80203			Dallas, TX 75243					
Phone: 1-(303) 830-0100			Phone: 1-(972) 889-2100 x 103					
Account No. N6935			Account No. N1440					
<b>CA No.</b>		<b>N/A</b>		<b>Unit:</b>		<b>Gothic Mesa</b>		
<b>WELL(S)</b>								
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
Gothic Mesa 6-34	6	41S	23E	43-037-15034	6008	INDIAN	OW	P
Gothic Mesa 6-43	6	41S	23E	43-037-31643	6008	INDIAN	OW	P
Gothic Mesa 7-41	7	41S	23E	43-037-15032	6008	INDIAN	OW	P
Gothic Mesa 7-21	7	41S	23E	43-037-15036	6008	INDIAN	OW	S
Gothic Mesa 8-12	8	41S	23E	43-037-15035	6008	INDIAN	OW	PA
Gothic Mesa 8-33	8	41S	23E	43-037-15037	6008	INDIAN	OW	S
Gothic Mesa 6-23	16	41S	23E	43-037-15039	6008	INDIAN	OW	S
Gothic Mesa 16-11	16	41S	23E	43-037-15042	6008	INDIAN	WD	A
Gothic Mesa 16-13A	16	41S	23E	43-037-31454	6008	INDIAN	OW	S
Gothic Mesa 17-31	17	41S	23E	43-037-15040	6008	INDIAN	OW	S
Navajo 125-2	28	41S	25E	43-037-15542	5990	INDIAN	OW	S
Navajo 125-4	28	41S	25E	43-037-15543	5990	INDIAN	OW	PA
SE McElmo Creek Q29	29	41S	25E	43-037-15524	5995	INDIAN	OW	S

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 10/10/2000
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 10/10/2000
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on 05/23/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 4836017-0143
5. If **NO**, the operator was contacted on: \_\_\_\_\_
6. (R649-9-2) Waste Management Plan has been received on: IN PLACE

**Gothic Mesa 16-11 has ownership dispute; no approval from BIA nor BLM for operator change**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

See attached Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER

2. NAME OF OPERATOR:

Elm Ridge Exploration Company, LLC

N2985

3. ADDRESS OF OPERATOR:

12225 Greenville, Suite 950 CITY Dallas

STATE TX

ZIP 75243

PHONE NUMBER:

(972) 889-2100

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective February 18, 2005, Elm Ridge Resources, Inc. transferred all responsibility of Operations for the wells described on the attached Exhibit "A" to Elm Ridge Exploration Company, LLC.

Current Operator:

Name Elm Ridge Resources, Inc. N1440

Title Land Manager

Signature Cathleen Colly

Date December 1, 2005

New Operator:

NAME (PLEASE PRINT) Elm Ridge Exploration Company, LLC TITLE Land Manager

SIGNATURE

Cathleen Colly

DATE

December 1, 2005

(This space for State use only)

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DEC 05 2005

Exhibit "A"  
Operator Change  
Effective February 18, 2005

Old Operator:	Elm Ridge Resources, Inc.									
New Operator:	Elm Ridge Exploration Company, LLC									
Lease Designation / Serial Number	Indian, Allottee or Tribe Name	Unit or CA Agreement	Well Name and Number	API Number	Type Well	Field and Pool or Wildcat	Location of Well Footages at Surface	1/41/4 Section Township, Range	County	State
14-20-603-239A	Navajo	Gothic Mesa Unit	Gothic Mesa 7-41	43-037-15032	Oil Well	Gothic Mesa	625' FNL, 710' FEL	NENE-7-41S-23E	San Juan	UT
14-20-603-239A	Navajo	Gothic Mesa Unit	Gothic Mesa 6-34	43-037-15034	Oil Well	Gothic Mesa	660' FSL, 1980' FEL	SWSE-6-41S-23E	San Juan	UT
14-20-603-240	Navajo	Gothic Mesa Unit	Gothic Mesa 17-31	43-037-15040	Oil Well	Gothic Mesa	820' FNL, 2140' FEL	NWNE-17-41S-23E	San Juan	UT
UTU-47876	N/A	N/A	Wells Federal 1-4	43-037-31028	Oil Well	Cave Canyon	500' FNL, 500' FEL	NENE-4-38S-24E	San Juan	UT
UTU-47876	N/A	N/A	Cave Canyon 3-2	43-037-31120	Oil Well	Cave Canyon	1925' FSL, 1925' FWL	NESW-3-38S-24E	San Juan	UT
UTU-47876	N/A	N/A	Cave Canyon 1-33	43-037-31276	Oil Well	Cave Canyon	535' FSL, 2025' FEL	SWSE-33-37S-24E	San Juan	UT
UTU-47876	N/A	N/A	Cave Canyon 3-3	43-037-31413	Oil Well	Cave Canyon	2635' FNL, 1390' FWL	SENW-3-38S-24E	San Juan	UT
UTU-47876	N/A	N/A	Cave Canyon Federal 4-3	43-037-31414	Oil Well	Cave Canyon	1310' FNL, 200' FEL	NENE-4-38S-24E	San Juan	UT
ST of UT ML-43698	N/A	N/A	Gage Foster 1	43-037-31463	Oil Well	Road Canyon	2180' FNL, 1780' FWL	SENW-32-37S-23E	San Juan	UT
UTU-47876	N/A	N/A	Cave Canyon 4-4	43-037-31539	Oil Well	Cave Canyon	1150' FNL, 1070' FEL	NENE-4-38S-24E	San Juan	UT
UTU-47876	N/A	N/A	Cave Canyon Federal 12-3	43-037-31567	Oil Well	Cave Canyon	1610' FNL, 1300' FWL	SWNW-3-38S-24E	San Juan	UT
14-20-603-239	Navajo	Gothic Mesa Unit	Gothic Mesa 6-43	43-037-31643	Oil Well	Gothic Mesa	1900' FSL, 500' FEL	NESE-6-41S-23E	San Juan	UT
UTU-47876	N/A	N/A	Cave Canyon Federal 4-5	43-037-31695	Oil Well	Cave Canyon	50' FNL, 1800' FEL	NWNE-4-38S-24E	San Juan	UT
UTU-47876	N/A	N/A	Cave Canyon 13-3	43-037-31766	Oil Well	Cave Canyon	2045' FSL, 1180' FWL	NWSW-3-38S-24E	San Juan	UT
UTU-47876	N/A	N/A	WSW. No. 1	43-037-31820	Water Source	Cave Canyon	1800' FSL, 1845' FWL	NESW-3-38S-24E	San Juan	UT
UTU-47876	N/A	N/A	Cave Canyon 3-1	43-037-31095	Water Injection	Cave Canyon	2140' FNL, 200' FWL	SWNW-3-38S-24E	San Juan	UT
14-20-603-243	Navajo	Gothic Mesa Unit	Gothic Mesa 16-11	43-037-15042	Water Disposal	Gothic Mesa	500' FNL, 500' FWL	NWNW-16-41S-23E	San Juan	UT



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number Gothic Mesa 16-11	API Number 4303715042
Location of Well Footage : 500' FNL 500' FWL County : San Juan QQ, Section, Township, Range: NWNW 16 41S 23E State : UTAH	Field or Unit Name Gothic Mesa Lease Designation and Number 14-20-603-243

EFFECTIVE DATE OF TRANSFER: 2/18/2005

CURRENT OPERATOR

Company: Elm Ridge Resources, Inc. N1440  
Address: 12225 Greenville Ave, Suite 950  
city Dallas state TX zip 75243  
Phone: (972) 889-2100  
Comments: Pursuant to merger and name change.

Name: Cathleen Colby  
Signature: Cathleen Colby  
Title: Land Manager  
Date: 12/1/2005

NEW OPERATOR

Company: Elm Ridge Exploration Company, LLC N2985  
Address: 12225 Greenville Ave, Suite 950  
city Dallas state TX zip 75243  
Phone:  
Comments: Pursuant to merger and name change.

Name: Cathleen Colby  
Signature: Cathleen Colby  
Title: Land Manager  
Date: 12/1/2005

(This space for State use only)

Transfer approved by: [Signature]  
Title: UIC Geologist

Approval Date: 12/7/05

Comments:

EPA approval required

RECEIVED  
DEC 05 2005



7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: not yet

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: not yet

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 12/7/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 12/8/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 12/8/2005
3. Bond information entered in RBDMS on: 12/8/2005
4. Fee/State wells attached to bond in RBDMS on: 12/8/2005
5. Injection Projects to new operator in RBDMS on: 12/8/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT00126

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 886936C

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 1116000107
2. The **FORMER** operator has requested a release of liability from their bond on: n/a  
The Division sent response by letter on:

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**